Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102821\
Data File : VW020722.D
Acq On : 28 Oct 2021 18:44
Operator : SY/VA
Sample : M4068-02 LOQ5PPB
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Manual Integrations APPROVED
MMDadoda
10/29/2021 4:39:18 PM

Quant Time: Oct 29 05:33:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102821S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 29 05:29:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.946	168	97255	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.842	114	151063	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.634	117	141742	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	74940	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.305	65	47855	50.059	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.120%				
35) Dibromofluoromethane	7.885	113	42252	47.679	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.360%				
50) Toluene-d8	10.323	98	156664	47.108	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.220%				
62) 4-Bromofluorobenzene	12.615	95	59240	47.217	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.440%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.008	85	973	4.073	ug/l		92
3) Chloromethane	2.215	50	3715	6.389	ug/l		99
4) Vinyl Chloride	2.355	62	3507	5.153	ug/l		99
5) Bromomethane	2.770	94	2480	9.007	ug/l		97
6) Chloroethane	2.916	64	1155	6.719	ug/l		91
7) Trichlorofluoromethane	3.251	101	1834	5.728	ug/l		91
8) Diethyl Ether	3.678	74	2173	5.476	ug/l		96
9) 1,1,2-Trichlorotrifluo...	4.056	101	4591	5.854	ug/l		98
10) Methyl Iodide	4.275	142	4520	5.117	ug/l		99
11) Tert butyl alcohol	5.159	59	1444m	28.382	ug/l		
12) 1,1-Dichloroethene	4.044	96	4210	5.508	ug/l		92
13) Acrolein	3.910	56	433m	19.358	ug/l		
14) Allyl chloride	4.660	41	6239	5.307	ug/l		98
15) Acrylonitrile	5.379	53	4937	26.573	ug/l		98
16) Acetone	4.123	43	5626	26.304	ug/l		95
17) Carbon Disulfide	4.385	76	11486	5.429	ug/l		99
18) Methyl Acetate	4.672	43	4397	6.432	ug/l		98
19) Methyl tert-butyl Ether	5.422	73	5692	5.434	ug/l		99
20) Methylene Chloride	4.922	84	9413	9.272	ug/l		95
21) trans-1,2-Dichloroethene	5.428	96	4657	5.447	ug/l		98
22) Diisopropyl ether	6.318	45	13016	5.308	ug/l		99
23) Vinyl Acetate	6.257	43	31955	23.947	ug/l		98
24) 1,1-Dichloroethane	6.214	63	9247	5.883	ug/l		95
25) 2-Butanone	7.177	43	6851	26.640	ug/l		92
26) 2,2-Dichloropropane	7.165	77	4955	5.665	ug/l		98
27) cis-1,2-Dichloroethene	7.177	96	5207	5.568	ug/l		98
28) Bromochloromethane	7.513	49	4292	5.876	ug/l	#	100
29) Tetrahydrofuran	7.537	42	4062	26.104	ug/l		98
30) Chloroform	7.677	83	9845	5.999	ug/l		95
31) Cyclohexane	7.958	56	9697	6.053	ug/l	#	71
32) 1,1,1-Trichloroethane	7.872	97	7362	5.859	ug/l		98
36) 1,1-Dichloropropene	8.086	75	7088	5.260	ug/l		98
37) Ethyl Acetate	7.257	43	2920	5.077	ug/l	#	97
38) Carbon Tetrachloride	8.067	117	6875	5.540	ug/l		96
39) Methylcyclohexane	9.336	83	8070	4.956	ug/l		94
40) Benzene	8.324	78	23768	6.145	ug/l		96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102821\
Data File : VW020722.D
Acq On : 28 Oct 2021 18:44
Operator : SY/VA
Sample : M4068-02 LOQ5PPB
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Manual Integrations APPROVED
MMDadoda
10/29/2021 4:39:18 PM

Quant Time: Oct 29 05:33:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102821S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 29 05:29:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.488	41	1718	5.078	ug/l		91
42) 1,2-Dichloroethane	8.403	62	6759	5.686	ug/l		99
43) Isopropyl Acetate	8.427	43	5450	4.948	ug/l		95
44) Trichloroethene	9.092	130	5565	5.477	ug/l		99
45) 1,2-Dichloropropane	9.366	63	5154	5.650	ug/l		100
46) Dibromomethane	9.457	93	2705	5.457	ug/l		95
47) Bromodichloromethane	9.646	83	6802	5.405	ug/l		93
48) Methyl methacrylate	9.439	41	2485	4.607	ug/l		99
49) 1,4-Dioxane	9.451	88	756	115.036	ug/l		97
51) 4-Methyl-2-Pentanone	10.207	43	14419	25.021	ug/l		95
52) Toluene	10.390	92	12923	5.466	ug/l		95
53) t-1,3-Dichloropropene	10.610	75	6415	5.060	ug/l		96
54) cis-1,3-Dichloropropene	10.073	75	7506	5.147	ug/l		99
55) 1,1,2-Trichloroethane	10.786	97	3805	5.503	ug/l		93
56) Ethyl methacrylate	10.646	69	4059	4.700	ug/l		100
57) 1,3-Dichloropropane	10.933	76	6433	5.333	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.927	63	9598	23.435	ug/l		100
59) 2-Hexanone	10.969	43	9797	24.040	ug/l		96
60) Dibromochloromethane	11.128	129	4458	5.395	ug/l		96
61) 1,2-Dibromoethane	11.238	107	3426	5.177	ug/l		95
64) Tetrachloroethene	10.860	164	5052	5.597	ug/l		95
65) Chlorobenzene	11.652	112	13817	5.376	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.731	131	4969	5.305	ug/l		99
67) Ethyl Benzene	11.731	91	23522	5.052	ug/l		97
68) m/p-Xylenes	11.841	106	17757	9.845	ug/l		99
69) o-Xylene	12.164	106	8192	4.934	ug/l		99
70) Styrene	12.183	104	13751	4.832	ug/l		100
71) Bromoform	12.353	173	2705	5.283	ug/l	#	96
73) Isopropylbenzene	12.463	105	21892	4.839	ug/l		99
74) N-amyl acetate	12.274	43	4736	4.570	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.713	83	4306	5.396	ug/l		98
76) 1,2,3-Trichloropropane	12.768	75	3505m	5.456	ug/l		
77) Bromobenzene	12.750	156	5835	5.329	ug/l		94
78) n-propylbenzene	12.804	91	29041	5.208	ug/l		100
79) 2-Chlorotoluene	12.890	91	17070	5.315	ug/l		99
80) 1,3,5-Trimethylbenzene	12.945	105	20085	5.102	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.512	75	1213	4.716	ug/l		98
82) 4-Chlorotoluene	12.987	91	18111	5.313	ug/l		100
83) tert-Butylbenzene	13.201	119	16702	4.990	ug/l		97
84) 1,2,4-Trimethylbenzene	13.249	105	19801	5.051	ug/l		99
85) sec-Butylbenzene	13.384	105	25640	5.092	ug/l		99
86) p-Isopropyltoluene	13.493	119	21005	4.913	ug/l		97
87) 1,3-Dichlorobenzene	13.499	146	12112	5.397	ug/l		94
88) 1,4-Dichlorobenzene	13.579	146	12265	5.478	ug/l		88
89) n-Butylbenzene	13.823	91	20296	5.051	ug/l		98
90) Hexachloroethane	14.091	117	4179	5.370	ug/l		94
91) 1,2-Dichlorobenzene	13.871	146	10832	5.512	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.481	75	718	5.046	ug/l		97
93) 1,2,4-Trichlorobenzene	15.127	180	7020	5.208	ug/l		98
94) Hexachlorobutadiene	15.231	225	4997	5.737	ug/l		96
95) Naphthalene	15.359	128	10821	4.828	ug/l		98
96) 1,2,3-Trichlorobenzene	15.548	180	6637	5.483	ug/l		97

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102821\
Data File : VW020722.D
Acq On : 28 Oct 2021 18:44
Operator : SY/VA
Sample : M4068-02 LOQ5PPB
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Manual Integrations APPROVED
MMDadoda
10/29/2021 4:39:18 PM

Quant Time: Oct 29 05:33:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102821S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 29 05:29:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102821\
Data File : VW020722.D
Acq On : 28 Oct 2021 18:44
Operator : SY/VA
Sample : M4068-02 LOQ5PPB
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 29 05:33:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102821S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 29 05:29:24 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Manual Integrations APPROVED
MMDadoda
10/29/2021 4:39:18 PM