Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101321\
Data File : VY006384.D
Acq On : 13 Oct 2021 13:45
Operator : SY/MD
Sample : M4068-01 4PPBLOD
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Manual Integrations APPROVED
MMDadoda
10/18/2021 5:21:35 PM

Quant Time: Oct 14 07:32:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 14 07:32:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.801	168	132818	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.697	114	206022	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.489	117	191420	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98056	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.149	65	71671	50.418	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.840%				
35) Dibromofluoromethane	7.722	113	52145	47.375	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.740%				
50) Toluene-d8	10.185	98	215864	46.860	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 93.720%				
62) 4-Bromofluorobenzene	12.483	95	71765	45.858	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.720%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.906	85	5660	4.201	ug/l		100
3) Chloromethane	2.119	50	7869	5.015	ug/l		97
4) Vinyl Chloride	2.259	62	8026	4.615	ug/l		95
5) Bromomethane	2.656	94	6097	5.394	ug/l		94
6) Chloroethane	2.802	64	4829	4.719	ug/l		98
7) Trichlorofluoromethane	3.137	101	10099	4.409	ug/l		96
8) Diethyl Ether	3.540	74	3323	4.392	ug/l		91
9) 1,1,2-Trichlorotrifluo...	3.905	101	5279	4.317	ug/l		97
10) Methyl Iodide	4.100	142	4528	3.398	ug/l		93
11) Tert butyl alcohol	4.960	59	2713	21.818	ug/l	#	77
12) 1,1-Dichloroethene	3.887	96	5211	4.189	ug/l	#	85
13) Acrolein	3.741	56	1504	18.993	ug/l		98
14) Allyl chloride	4.485	41	9751	4.076	ug/l		98
15) Acrylonitrile	5.180	53	8745	21.975	ug/l	#	88
16) Acetone	3.960	43	8168	20.572	ug/l		95
17) Carbon Disulfide	4.204	76	17740	4.264	ug/l		95
18) Methyl Acetate	4.485	43	6157	4.599	ug/l		96
19) Methyl tert-butyl Ether	5.234	73	15713	4.325	ug/l		95
20) Methylene Chloride	4.722	84	8358	5.409	ug/l		84
21) trans-1,2-Dichloroethene	5.228	96	5631	4.083	ug/l		96
22) Diisopropyl ether	6.131	45	19281	4.074	ug/l	#	93
23) Vinyl Acetate	6.070	43	53760	18.951	ug/l		98
24) 1,1-Dichloroethane	6.033	63	10659	4.195	ug/l		99
25) 2-Butanone	6.996	43	10952	19.802	ug/l		98
26) 2,2-Dichloropropane	6.990	77	10121	4.356	ug/l		96
27) cis-1,2-Dichloroethene	6.990	96	6568	4.252	ug/l		98
28) Bromochloromethane	7.344	49	4502	4.256	ug/l	#	88
29) Tetrahydrofuran	7.356	42	7232	20.702	ug/l		97
30) Chloroform	7.508	83	11095	4.378	ug/l		99
31) Cyclohexane	7.789	56	12993	4.824	ug/l	#	70
32) 1,1,1-Trichloroethane	7.710	97	10343	4.420	ug/l		99
36) 1,1-Dichloropropene	7.929	75	8715	4.252	ug/l		99
37) Ethyl Acetate	7.082	43	4735	3.965	ug/l	#	81
38) Carbon Tetrachloride	7.905	117	9530	4.403	ug/l		98
39) Methylcyclohexane	9.185	83	10734	4.169	ug/l		97
40) Benzene	8.167	78	24839	4.271	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101321\
Data File : VY006384.D
Acq On : 13 Oct 2021 13:45
Operator : SY/MD
Sample : M4068-01 4PPBLOD
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Manual Integrations APPROVED
MMDadoda
10/18/2021 5:21:35 PM

Quant Time: Oct 14 07:32:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 14 07:32:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.325	41	3355m	4.331	ug/l		
42) 1,2-Dichloroethane	8.246	62	8849	4.723	ug/l		95
43) Isopropyl Acetate	8.277	43	9514	4.154	ug/l	#	94
44) Trichloroethene	8.947	130	6415	4.271	ug/l		98
45) 1,2-Dichloropropane	9.215	63	6097	4.259	ug/l		99
46) Dibromomethane	9.307	93	3374	4.426	ug/l		99
47) Bromodichloromethane	9.502	83	8312	4.235	ug/l	#	99
48) Methyl methacrylate	9.301	41	4228	3.848	ug/l		95
49) 1,4-Dioxane	9.301	88	638	64.145	ug/l	#	89
51) 4-Methyl-2-Pentanone	10.075	43	23638	19.877	ug/l		97
52) Toluene	10.246	92	15454	4.284	ug/l		98
53) t-1,3-Dichloropropene	10.471	75	9248	4.321	ug/l		91
54) cis-1,3-Dichloropropene	9.935	75	9648	4.101	ug/l		97
55) 1,1,2-Trichloroethane	10.648	97	4545	4.237	ug/l		96
56) Ethyl methacrylate	10.514	69	6383	3.915	ug/l		95
57) 1,3-Dichloropropane	10.794	76	7946	4.094	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.788	63	16897	21.151	ug/l		96
59) 2-Hexanone	10.837	43	16267	19.206	ug/l		96
60) Dibromochloromethane	10.983	129	5622	4.314	ug/l		99
61) 1,2-Dibromoethane	11.087	107	4223	4.158	ug/l		100
64) Tetrachloroethene	10.727	164	7603	4.932	ug/l	#	86
65) Chlorobenzene	11.514	112	16143	4.256	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.593	131	5922	4.237	ug/l		96
67) Ethyl Benzene	11.593	91	28878	4.039	ug/l		100
68) m/p-Xylenes	11.703	106	21820	8.043	ug/l		95
69) o-Xylene	12.032	106	10305	4.022	ug/l		98
70) Styrene	12.044	104	17680	4.063	ug/l		96
71) Bromoform	12.209	173	3541	4.074	ug/l	#	93
73) Isopropylbenzene	12.331	105	27112	3.860	ug/l		99
74) N-amyl acetate	12.142	43	7880	3.615	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.581	83	4755	3.748	ug/l		95
76) 1,2,3-Trichloropropane	12.636	75	4373m	4.588	ug/l		
77) Bromobenzene	12.611	156	6894	4.186	ug/l		94
78) n-propylbenzene	12.672	91	34224	3.958	ug/l		98
79) 2-Chlorotoluene	12.757	91	19372	4.049	ug/l		99
80) 1,3,5-Trimethylbenzene	12.812	105	23058	3.926	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.379	75	1915	3.949	ug/l		99
82) 4-Chlorotoluene	12.855	91	20115	4.065	ug/l		99
83) tert-Butylbenzene	13.074	119	19992	3.982	ug/l		96
84) 1,2,4-Trimethylbenzene	13.123	105	22854	3.941	ug/l		98
85) sec-Butylbenzene	13.251	105	30093	3.966	ug/l		98
86) p-Isopropyltoluene	13.367	119	24585	3.839	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	13832	4.239	ug/l		99
88) 1,4-Dichlorobenzene	13.446	146	14086	4.378	ug/l		94
89) n-Butylbenzene	13.696	91	23381	3.843	ug/l		98
90) Hexachloroethane	13.965	117	5030	4.326	ug/l		96
91) 1,2-Dichlorobenzene	13.739	146	12145	4.257	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1127	4.663	ug/l		89
93) 1,2,4-Trichlorobenzene	15.007	180	7992	4.239	ug/l		99
94) Hexachlorobutadiene	15.111	225	5630	4.577	ug/l		98
95) Naphthalene	15.233	128	14206	3.793	ug/l		99
96) 1,2,3-Trichlorobenzene	15.422	180	7104	4.251	ug/l		99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101321\
Data File : VY006384.D
Acq On : 13 Oct 2021 13:45
Operator : SY/MD
Sample : M4068-01 4PPBLOD
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Manual Integrations APPROVED
MMDadoda
10/18/2021 5:21:35 PM

Quant Time: Oct 14 07:32:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 14 07:32:07 2021
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101321\
Data File : VY006384.D
Acq On : 13 Oct 2021 13:45
Operator : SY/MD
Sample : M4068-01 4PPBLOD
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 14 07:32:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 14 07:32:07 2021
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Manual Integrations APPROVED
MMDadoda
10/18/2021 5:21:35 PM