Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071923\
Data File : VD076785.D
Acq On : 19 Jul 2023 12:39
Operator : KP/SY
Sample : VD0719SBS01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

Quant Time: Jul 20 04:57:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	165068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	298538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	276833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	125748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	77770	47.302	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 94.600%			
35) Dibromofluoromethane	7.804	113	92070	49.077	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.160%			
50) Toluene-d8	10.269	98	310161	46.215	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 92.420%			
62) 4-Bromofluorobenzene	12.575	95	100710	46.387	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 92.780%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	31186	24.160	ug/l	95
3) Chloromethane	2.146	50	45857	20.594	ug/l	97
4) Vinyl Chloride	2.281	62	66786	22.500	ug/l	95
5) Bromomethane	2.681	94	52809	21.624	ug/l	99
6) Chloroethane	2.828	64	48892	21.816	ug/l	95
7) Trichlorofluoromethane	3.164	101	63331	23.978	ug/l	94
8) Diethyl Ether	3.587	74	19232	21.149	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.963	101	41246	23.757	ug/l	98
10) Methyl Iodide	4.152	142	41127	21.015	ug/l	90
11) Tert butyl alcohol	5.058	59	11759	95.846	ug/l #	93
12) 1,1-Dichloroethene	3.934	96	36033	22.091	ug/l	98
13) Acrolein	3.787	56	10401	124.404	ug/l	97
14) Allyl chloride	4.552	41	45904	21.423	ug/l	91
15) Acrylonitrile	5.252	53	45227	101.264	ug/l	100
16) Acetone	4.022	43	37779	96.215	ug/l #	78
17) Carbon Disulfide	4.263	76	80574	21.150	ug/l	99
18) Methyl Acetate	4.558	43	31127	21.100	ug/l	94
19) Methyl tert-butyl Ether	5.316	73	88451	20.221	ug/l	98
20) Methylene Chloride	4.799	84	68148	23.737	ug/l	92
21) trans-1,2-Dichloroethene	5.310	96	40966	21.606	ug/l	97
22) Diisopropyl ether	6.210	45	110454	21.769	ug/l	96
23) Vinyl Acetate	6.157	43	259653	103.426	ug/l	94
24) 1,1-Dichloroethane	6.110	63	79095	23.120	ug/l	99
25) 2-Butanone	7.081	43	56458	107.435	ug/l	89
26) 2,2-Dichloropropane	7.075	77	63831	21.645	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	51119	21.871	ug/l	94
28) Bromochloromethane	7.428	49	20868	24.398	ug/l	83
29) Tetrahydrofuran	7.452	42	32206	103.727	ug/l	89
30) Chloroform	7.599	83	85085	22.708	ug/l	88
31) Cyclohexane	7.875	56	56486	23.345	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	69898	23.121	ug/l	98
36) 1,1-Dichloropropene	8.004	75	55494	22.637	ug/l	96
37) Ethyl Acetate	7.169	43	21184	19.323	ug/l #	92
38) Carbon Tetrachloride	7.993	117	54941	23.406	ug/l	92
39) Methylcyclohexane	9.269	83	65004	22.965	ug/l	96
40) Benzene	8.251	78	170068	21.987	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071923\
Data File : VD076785.D
Acq On : 19 Jul 2023 12:39
Operator : KP/SY
Sample : VD0719SBS01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

Quant Time: Jul 20 04:57:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.404	41	15035	22.458	ug/l	#	85
42) 1,2-Dichloroethane	8.328	62	46270	23.022	ug/l		97
43) Isopropyl Acetate	8.363	43	44119	20.620	ug/l	#	79
44) Trichloroethene	9.028	130	45666	21.665	ug/l		98
45) 1,2-Dichloropropane	9.304	63	44194	22.134	ug/l		95
46) Dibromomethane	9.398	93	25388	21.723	ug/l		91
47) Bromodichloromethane	9.587	83	66823	22.784	ug/l		99
48) Methyl methacrylate	9.381	41	20248	20.793	ug/l		85
49) 1,4-Dioxane	9.387	88	5989	399.962	ug/l	#	88
51) 4-Methyl-2-Pentanone	10.163	43	119051	104.506	ug/l		93
52) Toluene	10.334	92	112503	22.145	ug/l		96
53) t-1,3-Dichloropropene	10.551	75	56069	20.596	ug/l		100
54) cis-1,3-Dichloropropene	10.016	75	69445	21.645	ug/l	#	88
55) 1,1,2-Trichloroethane	10.728	97	38143	22.350	ug/l		95
56) Ethyl methacrylate	10.598	69	40677	20.650	ug/l		91
57) 1,3-Dichloropropane	10.881	76	60626	21.813	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.869	63	78642	103.141	ug/l		97
59) 2-Hexanone	10.922	43	84065	103.420	ug/l		91
60) Dibromochloromethane	11.075	129	43610	21.996	ug/l		98
61) 1,2-Dibromoethane	11.175	107	32713	20.675	ug/l		95
64) Tetrachloroethene	10.810	164	36898	23.375	ug/l		93
65) Chlorobenzene	11.604	112	121254	21.778	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.681	131	45088	21.751	ug/l		99
67) Ethyl Benzene	11.681	91	215543	22.044	ug/l		99
68) m/p-Xylenes	11.792	106	165632	44.106	ug/l		93
69) o-Xylene	12.122	106	78197	21.533	ug/l		90
70) Styrene	12.134	104	137040	21.557	ug/l		98
71) Bromoform	12.298	173	25562	22.516	ug/l	#	94
73) Isopropylbenzene	12.422	105	209059	22.915	ug/l		96
74) N-amyl acetate	12.234	43	42831	22.285	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.675	83	45353	23.153	ug/l		97
76) 1,2,3-Trichloropropane	12.722	75	21284m	17.798	ug/l		
77) Bromobenzene	12.698	156	48718	23.134	ug/l		86
78) n-propylbenzene	12.763	91	259610	23.472	ug/l		95
79) 2-Chlorotoluene	12.851	91	140271	23.130	ug/l		94
80) 1,3,5-Trimethylbenzene	12.904	105	172468	23.379	ug/l		94
81) trans-1,4-Dichloro-2-b...	12.469	75	12422	22.107	ug/l		97
82) 4-Chlorotoluene	12.945	91	146161	23.070	ug/l		94
83) tert-Butylbenzene	13.169	119	152082	23.414	ug/l		99
84) 1,2,4-Trimethylbenzene	13.210	105	169291	22.457	ug/l		96
85) sec-Butylbenzene	13.345	105	235783	23.759	ug/l		94
86) p-Isopropyltoluene	13.463	119	188568	23.008	ug/l		97
87) 1,3-Dichlorobenzene	13.457	146	96806	22.350	ug/l		96
88) 1,4-Dichlorobenzene	13.534	146	97522	22.980	ug/l		96
89) n-Butylbenzene	13.786	91	185971	23.189	ug/l		97
90) Hexachloroethane	14.057	117	38474	25.392	ug/l		81
91) 1,2-Dichlorobenzene	13.828	146	83928	21.990	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5548	19.864	ug/l		94
93) 1,2,4-Trichlorobenzene	15.098	180	50843	21.820	ug/l		100
94) Hexachlorobutadiene	15.204	225	26826	23.938	ug/l		93
95) Naphthalene	15.328	128	104324	20.678	ug/l		99
96) 1,2,3-Trichlorobenzene	15.516	180	45200	21.616	ug/l		98

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071923\
Data File : VD076785.D
Acq On : 19 Jul 2023 12:39
Operator : KP/SY
Sample : VD0719SBS01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

Quant Time: Jul 20 04:57:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
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_D\Data\VD071923\
Data File : VD076785.D
Acq On : 19 Jul 2023 12:39
Operator : KP/SY
Sample : VD0719SBS01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

Quant Time: Jul 20 04:57:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration