Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042123\
Data File : VD075786.D
Acq On : 21 Apr 2023 20:21
Operator : KP/SY
Sample : VSTDCCC025EC
Misc : 5.00G/10.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025129

Quant Time: Apr 22 03:57:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Apr 22 03:53:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	351545	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	326326	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	162365	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	205087	26.593	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.360%			
7) Chloroethane-d5	2.799	69	172610	25.904	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.600%			
11) 1,1-Dichloroethene-d2	3.916	65	45080	25.355	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 101.400%			
21) 2-Butanone-d5	6.981	46	33912	50.653	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.300%			
24) Chloroform-d	7.569	84	227565	25.886	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.560%			
26) 1,2-Dichloroethane-d4	8.234	65	97538	25.982	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.920%			
32) Benzene-d6	8.199	84	494982	26.025	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.080%			
36) 1,2-Dichloropropane-d6	9.210	67	134934	25.631	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.520%			
41) Toluene-d8	10.269	98	468582	26.316	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.280%			
43) trans-1,3-Dichloroprop...	10.522	79	55495	25.503	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.000%			
47) 2-Hexanone-d5	10.875	63	33183	52.349	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.700%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	105467	26.180	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.720%			
66) 1,2-Dichlorobenzene-d4	13.816	152	145908	25.406	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	132013	27.240	ug/L	99
3) Chloromethane	2.146	50	186619	27.623	ug/L	100
5) Vinyl chloride	2.281	62	230463	26.101	ug/L	98
6) Bromomethane	2.693	94	148539	25.036	ug/L	96
8) Chloroethane	2.834	64	146603	25.673	ug/L	96
9) Trichlorofluoromethane	3.175	101	182956	25.789	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	125401	26.311	ug/L	100
12) 1,1-Dichloroethene	3.940	96	118533	25.644	ug/L	93
13) Acetone	4.022	43	27692	48.334	ug/L	94
14) Carbon disulfide	4.269	76	417862	25.882	ug/L	98
15) Methyl Acetate	4.563	43	32203	25.935	ug/L #	53
16) Methylene chloride	4.799	84	146696	20.570	ug/L	98
17) trans-1,2-Dichloroethene	5.311	96	134696	25.988	ug/L	99
18) Methyl tert-butyl Ether	5.322	73	213017	25.622	ug/L	99
19) 1,1-Dichloroethane	6.110	63	197511	26.013	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	141225	25.769	ug/L	94
22) 2-Butanone	7.087	43	37998	50.872	ug/L	97
23) Bromochloromethane	7.422	128	67083	26.394	ug/L	91
25) Chloroform	7.593	83	215120	25.280	ug/L	99

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Apr 22 03:53:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.328	62	117125	26.665	ug/L		99
29) Cyclohexane	7.881	56	148788	26.634	ug/L		95
30) 1,1,1-Trichloroethane	7.793	97	174654	25.296	ug/L		99
31) Carbon tetrachloride	7.993	117	142266	25.683	ug/L		96
33) Benzene	8.252	78	514111	26.045	ug/L		100
34) Trichloroethene	9.028	95	129602	25.389	ug/L		96
35) Methylcyclohexane	9.275	83	209465	26.615	ug/L		99
37) 1,2-Dichloropropane	9.304	63	118707	26.180	ug/L		99
38) Bromodichloromethane	9.587	83	158429	25.914	ug/L		97
39) cis-1,3-Dichloropropene	10.016	75	184604	25.600	ug/L		97
40) 4-Methyl-2-pentanone	10.157	43	86716	52.455	ug/L		98
42) Toluene	10.334	91	575143	26.925	ug/L		99
44) trans-1,3-Dichloropropene	10.551	75	149018	25.724	ug/L		96
45) 1,1,2-Trichloroethane	10.734	97	99234	25.725	ug/L		99
46) Tetrachloroethene	10.810	164	106271	25.382	ug/L		97
48) 2-Hexanone	10.922	43	62015	53.212	ug/L		95
49) Dibromochloromethane	11.075	129	106126	25.272	ug/L		96
50) 1,2-Dibromoethane	11.181	107	88549	25.462	ug/L		97
51) Chlorobenzene	11.610	112	361935	25.900	ug/L		98
52) Ethylbenzene	11.687	91	581697	26.556	ug/L		99
53) m,p-Xylene	11.793	106	239138	27.418	ug/L		100
54) o-Xylene	12.122	106	227007	27.402	ug/L		99
55) Styrene	12.134	104	405516	28.124	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.675	83	103020	26.248	ug/L	#	96
59) Bromoform	12.304	173	62480	25.108	ug/L		99
60) Isopropylbenzene	12.422	105	573213	26.625	ug/L		99
61) 1,2,3-Trichloropropane	12.728	75	64627	25.338	ug/L		98
62) 1,3,5-Trimethylbenzene	12.904	105	444045	27.660	ug/L		99
63) 1,2,4-Trimethylbenzene	13.216	105	427971	27.655	ug/L		100
64) 1,3-Dichlorobenzene	13.457	146	268182	26.034	ug/L		98
65) 1,4-Dichlorobenzene	13.539	146	276482	25.574	ug/L		100
67) 1,2-Dichlorobenzene	13.834	146	239536	26.039	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.451	75	13019	25.533	ug/L		92
69) 1,3,5-Trichlorobenzene	14.592	180	160158	23.196	ug/L		99
70) 1,2,4-trichlorobenzene	15.104	180	126615	22.129	ug/L		99
71) Naphthalene	15.334	128	248682	23.750	ug/L		99
72) 1,2,3-Trichlorobenzene	15.522	180	119238	23.346	ug/L		99

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

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