Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111324\
Data File : VD080001.D
Acq On : 13 Nov 2024 10:16
Operator : RP/MD
Sample : VSTDCCC025
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025923

Quant Time: Nov 14 06:17:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM111224SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Nov 13 03:23:57 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	268717	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	239911	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	129288	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	70668	17.643	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.560%			
7) Chloroethane-d5	2.811	69	63367	19.096	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.400%			
11) 1,1-Dichloroethene-d2	3.916	65	31596	19.243	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.960%			
21) 2-Butanone-d5	6.987	46	33364	39.561	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.120%			
24) Chloroform-d	7.569	84	183228	24.009	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.040%			
26) 1,2-Dichloroethane-d4	8.228	65	93773	22.659	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.640%			
32) Benzene-d6	8.204	84	367915	26.666	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.680%			
36) 1,2-Dichloropropane-d6	9.210	67	114253	25.670	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.680%			
41) Toluene-d8	10.269	98	342269	27.253	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 109.000%			
43) trans-1,3-Dichloroprop...	10.528	79	48241	26.930	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 107.720%			
47) 2-Hexanone-d5	10.875	63	35364	53.964	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.920%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	99421	27.887	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 111.560%			
66) 1,2-Dichlorobenzene-d4	13.816	152	116785	26.066	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	82902	20.288	ug/L	98
3) Chloromethane	2.152	50	61792	18.488	ug/L	93
5) Vinyl chloride	2.287	62	79648	18.981	ug/L	96
6) Bromomethane	2.699	94	68177	22.996	ug/L	97
8) Chloroethane	2.840	64	50325	18.835	ug/L	92
9) Trichlorofluoromethane	3.181	101	153631	21.891	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	98234	23.147	ug/L	96
12) 1,1-Dichloroethene	3.946	96	80036	22.230	ug/L	84
13) Acetone	4.028	43	40993	40.980	ug/L	98
14) Carbon disulfide	4.275	76	249590	20.753	ug/L	100
15) Methyl Acetate	4.563	43	28261	18.009	ug/L #	78
16) Methylene chloride	4.805	84	91802	20.589	ug/L	97
17) trans-1,2-Dichloroethene	5.316	96	89471	22.571	ug/L	88
18) Methyl tert-butyl Ether	5.328	73	166861	21.641	ug/L	94
19) 1,1-Dichloroethane	6.110	63	154756	20.895	ug/L	95
20) cis-1,2-Dichloroethene	7.081	96	99482	23.006	ug/L	92
22) 2-Butanone	7.081	43	47450	39.968	ug/L	95
23) Bromochloromethane	7.428	128	49140	22.884	ug/L	89
25) Chloroform	7.599	83	191180	22.330	ug/L	99

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	103263	20.655 ug/L #	93
29) Cyclohexane	7.881	56	127731	24.627 ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	153323	24.975 ug/L	97
31) Carbon tetrachloride	7.993	117	142980	26.526 ug/L	99
33) Benzene	8.252	78	387501	25.846 ug/L	100
34) Trichloroethene	9.028	95	101715	25.298 ug/L	96
35) Methylcyclohexane	9.275	83	158735	27.012 ug/L	98
37) 1,2-Dichloropropane	9.304	63	103253	24.654 ug/L	100
38) Bromodichloromethane	9.587	83	140742	26.371 ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	150460	24.869 ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	96537	48.818 ug/L	99
42) Toluene	10.334	91	434292	26.518 ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	133467	25.612 ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	79556	24.934 ug/L	94
46) Tetrachloroethene	10.810	164	82421	24.101 ug/L	96
48) 2-Hexanone	10.922	43	84177	52.789 ug/L	98
49) Dibromochloromethane	11.075	129	91549	24.363 ug/L	97
50) 1,2-Dibromoethane	11.181	107	71810	24.667 ug/L	99
51) Chlorobenzene	11.604	112	265581	24.735 ug/L	97
52) Ethylbenzene	11.681	91	464134	26.260 ug/L	98
53) m,p-Xylene	11.793	106	176780	26.675 ug/L	97
54) o-Xylene	12.122	106	165437	26.191 ug/L	100
55) Styrene	12.134	104	306506	26.972 ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.669	83	91492	24.688 ug/L	98
59) Bromoform	12.298	173	56981	23.880 ug/L	99
60) Isopropylbenzene	12.422	105	460289	26.045 ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	60055	23.832 ug/L	96
62) 1,3,5-Trimethylbenzene	12.904	105	353882	25.496 ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	352497	25.506 ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	216443	24.950 ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	222624	24.498 ug/L	94
67) 1,2-Dichlorobenzene	13.828	146	192090	23.966 ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	12344	22.479 ug/L	89
69) 1,3,5-Trichlorobenzene	14.592	180	143530	24.494 ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	113045	22.895 ug/L	99
71) Naphthalene	15.334	128	189363	22.449 ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	106155	24.353 ug/L	99

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

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