Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111324\
Data File : VD080004.D
Acq On : 13 Nov 2024 17:20
Operator : RP/MD
Sample : VSTDCCC025EC
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025924

Quant Time: Nov 14 06:30:11 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	8.775	114	247067	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	240413	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	127508	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	66897	18.165	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.680%			
7) Chloroethane-d5	2.805	69	62276	20.411	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.640%			
11) 1,1-Dichloroethene-d2	3.922	65	31229	20.686	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 82.760%			
21) 2-Butanone-d5	6.987	46	38980	50.271	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.540%			
24) Chloroform-d	7.569	84	170219	24.258	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.040%			
26) 1,2-Dichloroethane-d4	8.228	65	90617	23.816	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.280%			
32) Benzene-d6	8.204	84	328597	23.767	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.080%			
36) 1,2-Dichloropropane-d6	9.210	67	104226	23.368	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.480%			
41) Toluene-d8	10.269	98	310532	24.675	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.680%			
43) trans-1,3-Dichloroprop...	10.522	79	44569	24.829	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.320%			
47) 2-Hexanone-d5	10.875	63	38224	58.206	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 116.420%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	95146	26.632	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.520%			
66) 1,2-Dichlorobenzene-d4	13.816	152	109211	24.716	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	95164	25.329	ug/L	98
3) Chloromethane	2.146	50	76015	24.736	ug/L	92
5) Vinyl chloride	2.287	62	89972	23.321	ug/L	97
6) Bromomethane	2.699	94	73117	26.824	ug/L	98
8) Chloroethane	2.840	64	60200	24.506	ug/L	94
9) Trichlorofluoromethane	3.175	101	171495	26.577	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	107242	27.484	ug/L	100
12) 1,1-Dichloroethene	3.940	96	87448	26.417	ug/L	91
13) Acetone	4.016	43	59177	64.343	ug/L	97
14) Carbon disulfide	4.269	76	277039	25.054	ug/L	100
15) Methyl Acetate	4.558	43	39972	27.704	ug/L #	89
16) Methylene chloride	4.799	84	106226	25.912	ug/L	99
17) trans-1,2-Dichloroethene	5.316	96	98232	26.953	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	200919	28.342	ug/L	98
19) 1,1-Dichloroethane	6.110	63	180716	26.539	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	110219	27.722	ug/L	97
22) 2-Butanone	7.081	43	63831	58.477	ug/L	100
23) Bromochloromethane	7.428	128	52163	26.420	ug/L	98
25) Chloroform	7.593	83	212484	26.993	ug/L	100

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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	122251	26.595	ug/L		99
29) Cyclohexane	7.881	56	145784	28.049	ug/L		98
30) 1,1,1-Trichloroethane	7.793	97	167497	27.227	ug/L		99
31) Carbon tetrachloride	7.987	117	150182	27.804	ug/L		99
33) Benzene	8.252	78	422243	28.104	ug/L		100
34) Trichloroethene	9.028	95	111293	27.623	ug/L		92
35) Methylcyclohexane	9.275	83	169518	28.787	ug/L		98
37) 1,2-Dichloropropane	9.304	63	115955	27.629	ug/L		100
38) Bromodichloromethane	9.581	83	152107	28.441	ug/L		91
39) cis-1,3-Dichloropropene	10.016	75	168350	27.768	ug/L		100
40) 4-Methyl-2-pentanone	10.157	43	119052	60.078	ug/L		98
42) Toluene	10.334	91	475543	28.976	ug/L		97
44) trans-1,3-Dichloropropene	10.551	75	149818	28.690	ug/L		93
45) 1,1,2-Trichloroethane	10.734	97	90466	28.294	ug/L		92
46) Tetrachloroethene	10.810	164	91429	26.679	ug/L		97
48) 2-Hexanone	10.922	43	101775	63.691	ug/L		99
49) Dibromochloromethane	11.075	129	104677	27.798	ug/L		99
50) 1,2-Dibromoethane	11.175	107	81485	27.932	ug/L		98
51) Chlorobenzene	11.604	112	292752	27.208	ug/L		95
52) Ethylbenzene	11.681	91	506196	28.580	ug/L		100
53) m,p-Xylene	11.793	106	195609	29.454	ug/L		93
54) o-Xylene	12.122	106	181828	28.726	ug/L		96
55) Styrene	12.134	104	338280	29.706	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.669	83	106838	28.768	ug/L	#	98
59) Bromoform	12.298	173	66891	28.424	ug/L		99
60) Isopropylbenzene	12.422	105	504822	28.963	ug/L		99
61) 1,2,3-Trichloropropane	12.722	75	72077	29.002	ug/L		97
62) 1,3,5-Trimethylbenzene	12.904	105	392555	28.677	ug/L		99
63) 1,2,4-Trimethylbenzene	13.210	105	394738	28.962	ug/L		98
64) 1,3-Dichlorobenzene	13.457	146	239155	27.953	ug/L		98
65) 1,4-Dichlorobenzene	13.534	146	246026	27.451	ug/L		96
67) 1,2-Dichlorobenzene	13.828	146	212788	26.919	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.439	75	15624	28.849	ug/L		95
69) 1,3,5-Trichlorobenzene	14.592	180	172032	29.768	ug/L		99
70) 1,2,4-trichlorobenzene	15.098	180	141603	29.080	ug/L		99
71) Naphthalene	15.328	128	233867	28.111	ug/L		100
72) 1,2,3-Trichlorobenzene	15.522	180	122696	28.541	ug/L		99

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

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