Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022824\
Data File : VD078565.D
Acq On : 28 Feb 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 :
VSTD025243

Quant Time: Feb 28 23:01:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM022724SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Feb 28 01:48:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	203270	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	206842	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	107520	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	202904	26.604	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.400%			
7) Chloroethane-d5	2.793	69	177579	26.360	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.440%			
11) 1,1-Dichloroethene-d2	3.916	65	29762	23.785	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.160%			
21) 2-Butanone-d5	6.981	46	30054	51.712	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.420%			
24) Chloroform-d	7.569	84	140319	24.706	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.840%			
26) 1,2-Dichloroethane-d4	8.228	65	69678	25.336	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.360%			
32) Benzene-d6	8.199	84	296290	25.016	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.080%			
36) 1,2-Dichloropropane-d6	9.204	67	85466	24.403	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.600%			
41) Toluene-d8	10.269	98	269530	24.629	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.520%			
43) trans-1,3-Dichloroprop...	10.528	79	36852	25.219	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.880%			
47) 2-Hexanone-d5	10.875	63	30623	58.201	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 116.400%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	75972	25.984	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.920%			
66) 1,2-Dichlorobenzene-d4	13.816	152	94137	24.919	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	98517	26.644	ug/L	99
3) Chloromethane	2.152	50	156690	29.030	ug/L	98
5) Vinyl chloride	2.281	62	232592	27.576	ug/L	99
6) Bromomethane	2.693	94	119960	26.387	ug/L	97
8) Chloroethane	2.834	64	153380	27.498	ug/L	98
9) Trichlorofluoromethane	3.164	101	133707	27.202	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	86228	26.894	ug/L	99
12) 1,1-Dichloroethene	3.934	96	74865	27.298	ug/L	90
13) Acetone	4.022	43	47611	69.013	ug/L	75
14) Carbon disulfide	4.269	76	234670	25.502	ug/L	100
15) Methyl Acetate	4.558	43	30756	31.387	ug/L #	72
16) Methylene chloride	4.799	84	85824	22.986	ug/L	89
17) trans-1,2-Dichloroethene	5.305	96	82517	27.207	ug/L	94
18) Methyl tert-butyl Ether	5.316	73	171177	29.678	ug/L	98
19) 1,1-Dichloroethane	6.110	63	139094	27.310	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	90346	27.291	ug/L	94
22) 2-Butanone	7.081	43	50897	64.464	ug/L	97
23) Bromochloromethane	7.428	128	41968	28.552	ug/L	98
25) Chloroform	7.593	83	159145	27.681	ug/L	91

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025243

Quant Time: Feb 28 23:01:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM022724SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Feb 28 01:48:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.328	62	91959	29.019	ug/L		98
29) Cyclohexane	7.875	56	110065	27.663	ug/L		100
30) 1,1,1-Trichloroethane	7.793	97	129994	27.487	ug/L		97
31) Carbon tetrachloride	7.987	117	112812	26.744	ug/L		98
33) Benzene	8.251	78	341509	27.599	ug/L		100
34) Trichloroethene	9.028	95	86204	26.794	ug/L		92
35) Methylcyclohexane	9.275	83	139166	26.790	ug/L		98
37) 1,2-Dichloropropane	9.304	63	85615	28.117	ug/L		99
38) Bromodichloromethane	9.581	83	114945	27.683	ug/L		99
39) cis-1,3-Dichloropropene	10.016	75	133485	28.221	ug/L		96
40) 4-Methyl-2-pentanone	10.157	43	88259	62.840	ug/L		100
42) Toluene	10.334	91	374104	27.573	ug/L		97
44) trans-1,3-Dichloropropene	10.551	75	114810	28.110	ug/L		100
45) 1,1,2-Trichloroethane	10.728	97	70207	28.477	ug/L		98
46) Tetrachloroethene	10.810	164	69789	26.393	ug/L		98
48) 2-Hexanone	10.922	43	80268	68.883	ug/L		99
49) Dibromochloromethane	11.075	129	82593	28.543	ug/L		98
50) 1,2-Dibromoethane	11.181	107	67013	28.607	ug/L	#	92
51) Chlorobenzene	11.604	112	240614	26.924	ug/L		99
52) Ethylbenzene	11.687	91	403602	27.379	ug/L		99
53) m,p-Xylene	11.792	106	158352	27.855	ug/L		97
54) o-Xylene	12.122	106	153749	27.828	ug/L		100
55) Styrene	12.134	104	278836	28.441	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.675	83	85311	29.731	ug/L		98
59) Bromoform	12.298	173	51658	29.358	ug/L		98
60) Isopropylbenzene	12.422	105	411661	28.176	ug/L		99
61) 1,2,3-Trichloropropane	12.722	75	55314	30.457	ug/L		99
62) 1,3,5-Trimethylbenzene	12.904	105	315402	28.412	ug/L		100
63) 1,2,4-Trimethylbenzene	13.210	105	312638	28.703	ug/L		99
64) 1,3-Dichlorobenzene	13.457	146	188395	27.964	ug/L		96
65) 1,4-Dichlorobenzene	13.539	146	194067	27.362	ug/L		97
67) 1,2-Dichlorobenzene	13.834	146	172127	27.991	ug/L		95
68) 1,2-Dibromo-3-chloropr...	14.445	75	11960	31.748	ug/L		93
69) 1,3,5-Trichlorobenzene	14.592	180	118474	27.176	ug/L		99
70) 1,2,4-trichlorobenzene	15.098	180	97425	26.777	ug/L		99
71) Naphthalene	15.333	128	199349	29.955	ug/L		99
72) 1,2,3-Trichlorobenzene	15.522	180	89939	27.961	ug/L		99

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

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