Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053124\
Data File : VD079113.D
Acq On : 31 May 2024 18:09
Operator : RP/MD
Sample : VSTDCCC025EC
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025886

Quant Time: Jun 01 00:38:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jun 01 00:34:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	196689	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	200959	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	106785	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	140850	23.271	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.080%			
7) Chloroethane-d5	2.799	69	127991	21.869	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.480%			
11) 1,1-Dichloroethene-d2	3.916	65	20722	19.285	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.160%			
21) 2-Butanone-d5	6.981	46	24378	52.658	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.320%			
24) Chloroform-d	7.569	84	122920	22.351	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.400%			
26) 1,2-Dichloroethane-d4	8.228	65	59213	23.340	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.360%			
32) Benzene-d6	8.198	84	246642	22.140	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.560%			
36) 1,2-Dichloropropane-d6	9.204	67	71411	22.253	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 89.000%			
41) Toluene-d8	10.269	98	230497	22.097	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.400%			
43) trans-1,3-Dichloroprop...	10.522	79	31889	23.642	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.560%			
47) 2-Hexanone-d5	10.875	63	22256	53.647	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.300%			
56) 1,1,2,2-Tetrachloroeth...	12.645	84	69455	24.435	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.760%			
66) 1,2-Dichlorobenzene-d4	13.816	152	80221	21.767	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 87.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	67586	21.707	ug/L	100
3) Chloromethane	2.146	50	105523	25.428	ug/L	100
5) Vinyl chloride	2.281	62	178994	26.133	ug/L	96
6) Bromomethane	2.687	94	115222	21.790	ug/L	93
8) Chloroethane	2.828	64	119965	23.896	ug/L	96
9) Trichlorofluoromethane	3.169	101	115099	22.059	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	73661	23.543	ug/L	99
12) 1,1-Dichloroethene	3.934	96	63404	23.276	ug/L	96
13) Acetone	4.022	43	33452	49.911	ug/L	97
14) Carbon disulfide	4.263	76	217553	22.895	ug/L	98
15) Methyl Acetate	4.563	43	26223	28.716	ug/L #	78
16) Methylene chloride	4.799	84	87842	25.064	ug/L	98
17) trans-1,2-Dichloroethene	5.304	96	72073	24.483	ug/L	98
18) Methyl tert-butyl Ether	5.316	73	142517	27.297	ug/L	99
19) 1,1-Dichloroethane	6.104	63	116614	24.605	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	77534	25.295	ug/L	99
22) 2-Butanone	7.081	43	37260	52.920	ug/L	99
23) Bromochloromethane	7.422	128	39168	25.204	ug/L	91
25) Chloroform	7.592	83	132739	24.668	ug/L	92

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jun 01 00:34:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.322	62	80537	25.783	ug/L		97
29) Cyclohexane	7.875	56	88426	24.388	ug/L		99
30) 1,1,1-Trichloroethane	7.787	97	111080	23.347	ug/L		99
31) Carbon tetrachloride	7.987	117	101803	23.025	ug/L		96
33) Benzene	8.245	78	295222	24.665	ug/L		100
34) Trichloroethene	9.022	95	72468	23.508	ug/L		95
35) Methylcyclohexane	9.269	83	122607	24.003	ug/L		99
37) 1,2-Dichloropropane	9.304	63	72896	24.864	ug/L		100
38) Bromodichloromethane	9.581	83	101458	24.894	ug/L		97
39) cis-1,3-Dichloropropene	10.016	75	112729	24.632	ug/L		96
40) 4-Methyl-2-pentanone	10.157	43	72245	59.031	ug/L		96
42) Toluene	10.334	91	332210	24.995	ug/L		98
44) trans-1,3-Dichloropropene	10.551	75	100573	25.987	ug/L		98
45) 1,1,2-Trichloroethane	10.728	97	68186	26.511	ug/L		94
46) Tetrachloroethene	10.804	164	62449	23.007	ug/L		98
48) 2-Hexanone	10.922	43	56125	52.997	ug/L		95
49) Dibromochloromethane	11.069	129	76028	24.962	ug/L		93
50) 1,2-Dibromoethane	11.175	107	62442	26.416	ug/L	#	94
51) Chlorobenzene	11.604	112	213398	24.131	ug/L		98
52) Ethylbenzene	11.681	91	346545	24.997	ug/L		98
53) m,p-Xylene	11.792	106	139527	25.652	ug/L		92
54) o-Xylene	12.116	106	131515	25.027	ug/L		91
55) Styrene	12.133	104	243326	26.114	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.669	83	79520	27.620	ug/L		96
59) Bromoform	12.298	173	49166	25.121	ug/L		99
60) Isopropylbenzene	12.422	105	345326	24.457	ug/L		100
61) 1,2,3-Trichloropropane	12.722	75	51345	27.234	ug/L		98
62) 1,3,5-Trimethylbenzene	12.904	105	239963	24.856	ug/L		98
63) 1,2,4-Trimethylbenzene	13.210	105	261267	25.302	ug/L		100
64) 1,3-Dichlorobenzene	13.457	146	161453	23.802	ug/L		98
65) 1,4-Dichlorobenzene	13.533	146	170173	23.677	ug/L		95
67) 1,2-Dichlorobenzene	13.827	146	152551	24.328	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.445	75	10113	26.094	ug/L	#	68
69) 1,3,5-Trichlorobenzene	14.592	180	101769	23.788	ug/L		97
70) 1,2,4-trichlorobenzene	15.098	180	83531	23.510	ug/L		100
71) Naphthalene	15.327	128	176104	26.502	ug/L		99
72) 1,2,3-Trichlorobenzene	15.516	180	78752	25.645	ug/L		97

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

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