Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061024\
Data File : VD079161.D
Acq On : 10 Jun 2024 16:20
Operator : RP/MD
Sample : VSTDCCC025EC
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025892

Quant Time: Jun 11 02:49:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jun 11 02:46:15 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	195504	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	193910	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	100472	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	101905	16.938	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 67.760%			
7) Chloroethane-d5	2.799	69	100866	17.339	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.360%			
11) 1,1-Dichloroethene-d2	3.910	65	18420	17.247	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 69.000%			
21) 2-Butanone-d5	6.987	46	25689	55.826	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.660%			
24) Chloroform-d	7.569	84	115124	21.060	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 84.240%			
26) 1,2-Dichloroethane-d4	8.228	65	56530	22.417	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.680%			
32) Benzene-d6	8.198	84	226783	21.097	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 84.400%			
36) 1,2-Dichloropropane-d6	9.210	67	64499	20.830	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 83.320%			
41) Toluene-d8	10.269	98	204456	20.313	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 81.240%			
43) trans-1,3-Dichloroprop...	10.522	79	29354	22.554	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.200%			
47) 2-Hexanone-d5	10.875	63	22725	56.769	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.540%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	68753	25.067	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 100.280%			
66) 1,2-Dichlorobenzene-d4	13.816	152	73537	21.208	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	55212	17.840	ug/L	100
3) Chloromethane	2.146	50	100255	24.305	ug/L	98
5) Vinyl chloride	2.281	62	141346	20.761	ug/L	98
6) Bromomethane	2.693	94	103895	19.767	ug/L	96
8) Chloroethane	2.834	64	97921	19.623	ug/L	95
9) Trichlorofluoromethane	3.175	101	100716	19.419	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.957	101	63461	20.406	ug/L	97
12) 1,1-Dichloroethene	3.940	96	55902	20.647	ug/L	90
13) Acetone	4.028	43	35834	53.789	ug/L	68
14) Carbon disulfide	4.269	76	184365	19.520	ug/L	100
15) Methyl Acetate	4.563	43	24092	26.542	ug/L	100
16) Methylene chloride	4.804	84	83329	23.921	ug/L	91
17) trans-1,2-Dichloroethene	5.310	96	63438	21.681	ug/L	87
18) Methyl tert-butyl Ether	5.316	73	130682	25.182	ug/L #	84
19) 1,1-Dichloroethane	6.116	63	108059	22.938	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	71649	23.517	ug/L	90
22) 2-Butanone	7.075	43	36859	52.667	ug/L	94
23) Bromochloromethane	7.428	128	36722	23.773	ug/L #	94
25) Chloroform	7.598	83	120618	22.551	ug/L	95

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Quant Title : SFAM01.0
QLast Update : Tue Jun 11 02:46:15 2024
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.322	62	73380	23.634	ug/L		100
29) Cyclohexane	7.881	56	74474	21.287	ug/L		99
30) 1,1,1-Trichloroethane	7.792	97	99242	21.617	ug/L		99
31) Carbon tetrachloride	7.992	117	90906	21.308	ug/L		97
33) Benzene	8.251	78	267900	23.196	ug/L		100
34) Trichloroethene	9.028	95	66239	22.268	ug/L		99
35) Methylcyclohexane	9.275	83	100772	20.445	ug/L		99
37) 1,2-Dichloropropane	9.304	63	67846	23.983	ug/L		100
38) Bromodichloromethane	9.581	83	92162	23.435	ug/L		92
39) cis-1,3-Dichloropropene	10.016	75	101192	22.914	ug/L		100
40) 4-Methyl-2-pentanone	10.157	43	66850	56.609	ug/L		96
42) Toluene	10.333	91	294669	22.977	ug/L		97
44) trans-1,3-Dichloropropene	10.551	75	93213	24.961	ug/L		92
45) 1,1,2-Trichloroethane	10.733	97	58486	23.566	ug/L		96
46) Tetrachloroethene	10.810	164	55361	21.137	ug/L		94
48) 2-Hexanone	10.922	43	55916	54.720	ug/L		99
49) Dibromochloromethane	11.075	129	69233	23.557	ug/L		96
50) 1,2-Dibromoethane	11.180	107	56435	24.743	ug/L	#	91
51) Chlorobenzene	11.604	112	192244	22.529	ug/L		96
52) Ethylbenzene	11.686	91	301662	22.550	ug/L		99
53) m,p-Xylene	11.792	106	124082	23.642	ug/L		99
54) o-Xylene	12.122	106	116126	22.901	ug/L		83
55) Styrene	12.133	104	221790	24.668	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.669	83	71192	25.626	ug/L		95
59) Bromoform	12.298	173	44094	23.945	ug/L		97
60) Isopropylbenzene	12.422	105	300825	22.644	ug/L		100
61) 1,2,3-Trichloropropane	12.727	75	46702	26.328	ug/L		97
62) 1,3,5-Trimethylbenzene	12.904	105	200591	22.083	ug/L		97
63) 1,2,4-Trimethylbenzene	13.210	105	225926	23.254	ug/L		100
64) 1,3-Dichlorobenzene	13.457	146	143444	22.476	ug/L		98
65) 1,4-Dichlorobenzene	13.533	146	153411	22.686	ug/L		97
67) 1,2-Dichlorobenzene	13.833	146	135360	22.943	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.445	75	9736	26.700	ug/L		94
69) 1,3,5-Trichlorobenzene	14.592	180	87073	21.632	ug/L		99
70) 1,2,4-trichlorobenzene	15.098	180	73024	21.844	ug/L		100
71) Naphthalene	15.333	128	152515	24.395	ug/L		99
72) 1,2,3-Trichlorobenzene	15.521	180	70392	24.363	ug/L		98

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

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