Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111722\
Data File : VW025084.D
Acq On : 17 Nov 2022 18:17
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025502

Quant Time: Nov 18 00:02:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Nov 17 23:58:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	420186	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	379635	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	187892	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	94814	20.104	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.400%			
7) Chloroethane-d5	2.892	69	72869	26.375	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.520%			
11) 1,1-Dichloroethene-d2	4.025	63	254550	21.667	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 86.680%			
21) 2-Butanone-d5	7.080	46	78433	49.275	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.540%			
24) Chloroform-d	7.647	84	318338	24.964	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.840%			
26) 1,2-Dichloroethane-d4	8.305	65	155200	21.743	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.960%			
32) Benzene-d6	8.275	84	610224	25.078	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.320%			
36) 1,2-Dichloropropane-d6	9.275	67	188522	26.441	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.760%			
41) Toluene-d8	10.323	98	549371	24.251	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.000%			
43) trans-1,3-Dichloroprop...	10.579	79	70751	22.379	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.520%			
47) 2-Hexanone-d5	10.921	63	61959	50.307	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.620%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	144865	25.447	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.800%			
66) 1,2-Dichlorobenzene-d4	13.853	152	178112	24.667	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	23701	16.911	ug/L	91
3) Chloromethane	2.221	50	98039	29.084	ug/L	96
5) Vinyl chloride	2.361	62	137284	29.475	ug/L	96
6) Bromomethane	2.782	94	63672	27.394	ug/L	99
8) Chloroethane	2.922	64	62239	32.034	ug/L	93
9) Trichlorofluoromethane	3.263	101	96976	24.820	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	154934	28.002	ug/L	97
12) 1,1-Dichloroethene	4.044	96	140885	27.030	ug/L	83
13) Acetone	4.123	43	53195	47.043	ug/L	96
14) Carbon disulfide	4.385	76	369145	24.245	ug/L	99
15) Methyl Acetate	4.672	43	56734	25.200	ug/L	98
16) Methylene chloride	4.922	84	169644	22.739	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	152958	27.406	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	236107	25.219	ug/L	98
19) 1,1-Dichloroethane	6.220	63	298054	28.845	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	174450	28.678	ug/L	93
22) 2-Butanone	7.171	43	77468	45.726	ug/L	99
23) Bromochloromethane	7.519	128	70682	26.802	ug/L	97
25) Chloroform	7.677	83	305229	27.989	ug/L	95

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Quant Title : SFAM01.0
QLast Update : Thu Nov 17 23:58:11 2022
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	183397	24.793	ug/L		97
29) Cyclohexane	7.958	56	253880	28.322	ug/L		99
30) 1,1,1-Trichloroethane	7.872	97	248363	26.734	ug/L		99
31) Carbon tetrachloride	8.074	117	222007	26.743	ug/L		97
33) Benzene	8.323	78	665729	29.120	ug/L		100
34) Trichloroethene	9.092	95	173130	28.608	ug/L		98
35) Methylcyclohexane	9.335	83	288998	28.104	ug/L		99
37) 1,2-Dichloropropane	9.372	63	169539	30.555	ug/L		99
38) Bromodichloromethane	9.646	83	221460	28.597	ug/L		98
39) cis-1,3-Dichloropropene	10.073	75	256175	29.204	ug/L		99
40) 4-Methyl-2-pentanone	10.207	43	168134	51.636	ug/L		98
42) Toluene	10.390	91	707468	29.149	ug/L		98
44) trans-1,3-Dichloropropene	10.604	75	210275	26.964	ug/L		99
45) 1,1,2-Trichloroethane	10.786	97	120924	28.864	ug/L		98
46) Tetrachloroethene	10.860	164	125484	28.993	ug/L		92
48) 2-Hexanone	10.969	43	116746	51.844	ug/L		98
49) Dibromochloromethane	11.128	129	141315	27.672	ug/L		98
50) 1,2-Dibromoethane	11.238	107	107850	27.219	ug/L		96
51) Chlorobenzene	11.658	112	447780	28.463	ug/L		98
52) Ethylbenzene	11.731	91	803724	28.688	ug/L		99
53) m,p-Xylene	11.841	106	310172	28.601	ug/L		97
54) o-Xylene	12.164	106	296675	28.998	ug/L		100
55) Styrene	12.176	104	520343	29.282	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.713	83	137741	27.407	ug/L		99
59) Bromoform	12.347	173	70460	26.513	ug/L	#	96
60) Isopropylbenzene	12.463	105	833121	29.492	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	97748	25.895	ug/L		99
62) 1,3,5-Trimethylbenzene	12.938	105	704465	28.728	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	690019	28.696	ug/L		99
64) 1,3-Dichlorobenzene	13.499	146	334669	28.406	ug/L		95
65) 1,4-Dichlorobenzene	13.579	146	337275	28.690	ug/L		97
67) 1,2-Dichlorobenzene	13.865	146	295442	27.889	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.481	75	19849	22.754	ug/L		88
69) 1,3,5-Trichlorobenzene	14.621	180	215953	27.674	ug/L		98
70) 1,2,4-trichlorobenzene	15.127	180	163538	26.963	ug/L		96
71) Naphthalene	15.365	128	322835	25.232	ug/L		100
72) 1,2,3-Trichlorobenzene	15.554	180	138503	26.208	ug/L		98

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

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