Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042622\
Data File : VW022632.D
Acq On : 26 Apr 2022 18:14
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

Quant Time: Apr 27 01:41:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Apr 27 01:34:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	300714	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	296922	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	167664	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	134526	20.236	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.960%			
7) Chloroethane-d5	2.885	69	98839	23.723	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.880%			
11) 1,1-Dichloroethene-d2	4.019	63	186197	21.594	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 86.360%			
21) 2-Butanone-d5	7.080	46	63516	54.725	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.460%			
24) Chloroform-d	7.653	84	232735	24.761	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.040%			
26) 1,2-Dichloroethane-d4	8.305	65	127775	23.792	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.160%			
32) Benzene-d6	8.275	84	436864	24.082	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.320%			
36) 1,2-Dichloropropane-d6	9.274	67	128123	24.406	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.640%			
41) Toluene-d8	10.323	98	426671	24.015	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.040%			
43) trans-1,3-Dichloroprop...	10.579	79	55527	22.412	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.640%			
47) 2-Hexanone-d5	10.920	63	55071	56.383	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.760%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	122832	27.518	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 110.080%			
66) 1,2-Dichlorobenzene-d4	13.847	152	145801	24.551	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	44934	30.482	ug/L	98
3) Chloromethane	2.215	50	76680	20.864	ug/L	100
5) Vinyl chloride	2.361	62	163729	21.350	ug/L	94
6) Bromomethane	2.776	94	104677	22.454	ug/L	99
8) Chloroethane	2.916	64	83448	24.855	ug/L	100
9) Trichlorofluoromethane	3.251	101	72106	25.467	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	117077	25.968	ug/L	95
12) 1,1-Dichloroethene	4.037	96	101779	25.137	ug/L	93
13) Acetone	4.123	43	43709	55.312	ug/L	94
14) Carbon disulfide	4.385	76	242797	18.228	ug/L	100
15) Methyl Acetate	4.665	43	51065	25.751	ug/L	95
16) Methylene chloride	4.921	84	119721	26.458	ug/L	92
17) trans-1,2-Dichloroethene	5.427	96	114258	24.089	ug/L	92
18) Methyl tert-butyl Ether	5.427	73	196754	25.399	ug/L	96
19) 1,1-Dichloroethane	6.220	63	210435	24.315	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	133162	26.582	ug/L	90
22) 2-Butanone	7.171	43	70830	59.346	ug/L	94
23) Bromochloromethane	7.512	128	62174	28.839	ug/L	86
25) Chloroform	7.677	83	242206	26.571	ug/L	96

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Quant Title : SFAM01.0
QLast Update : Wed Apr 27 01:34:11 2022
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	158777	24.783	ug/L		98
29) Cyclohexane	7.958	56	173338	20.397	ug/L		95
30) 1,1,1-Trichloroethane	7.872	97	200519	24.345	ug/L		98
31) Carbon tetrachloride	8.073	117	183685	24.848	ug/L		96
33) Benzene	8.323	78	488400	24.227	ug/L		100
34) Trichloroethene	9.091	95	135596	25.121	ug/L		94
35) Methylcyclohexane	9.335	83	214797	22.180	ug/L		96
37) 1,2-Dichloropropane	9.366	63	123706	25.615	ug/L		99
38) Bromodichloromethane	9.646	83	178420	25.690	ug/L		100
39) cis-1,3-Dichloropropene	10.073	75	195608	25.525	ug/L		100
40) 4-Methyl-2-pentanone	10.207	43	165017	55.989	ug/L		96
42) Toluene	10.384	91	568808	24.624	ug/L		94
44) trans-1,3-Dichloropropene	10.603	75	172365	25.119	ug/L		99
45) 1,1,2-Trichloroethane	10.786	97	103955	28.204	ug/L		99
46) Tetrachloroethene	10.859	164	96655	24.361	ug/L		97
48) 2-Hexanone	10.969	43	109860	52.836	ug/L		96
49) Dibromochloromethane	11.128	129	128040	29.128	ug/L		98
50) 1,2-Dibromoethane	11.231	107	103327	28.390	ug/L		92
51) Chlorobenzene	11.658	112	384156	27.214	ug/L		95
52) Ethylbenzene	11.731	91	649718	25.093	ug/L		94
53) m,p-Xylene	11.835	106	252054	25.602	ug/L		89
54) o-Xylene	12.164	106	246331	26.183	ug/L		99
55) Styrene	12.182	104	430515	26.784	ug/L		89
57) 1,1,2,2-Tetrachloroethane	12.713	83	129966	28.729	ug/L		99
59) Bromoform	12.347	173	67562	27.118	ug/L		99
60) Isopropylbenzene	12.463	105	685976	24.630	ug/L		98
61) 1,2,3-Trichloropropane	12.768	75	96743	27.125	ug/L		97
62) 1,3,5-Trimethylbenzene	12.938	105	376335	24.570	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	571148	24.521	ug/L		95
64) 1,3-Dichlorobenzene	13.493	146	289471	25.609	ug/L		96
65) 1,4-Dichlorobenzene	13.578	146	299000	26.523	ug/L		99
67) 1,2-Dichlorobenzene	13.865	146	273717	27.077	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.481	75	20716	25.044	ug/L	#	86
69) 1,3,5-Trichlorobenzene	14.627	180	193991	26.304	ug/L		95
70) 1,2,4-trichlorobenzene	15.127	180	160265	25.875	ug/L		97
71) Naphthalene	15.359	128	345188	26.423	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	136578	25.797	ug/L		97

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

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