Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062422\
Data File : VW023519.D
Acq On : 24 Jun 2022 14:34
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

Quant Time: Jun 24 23:31:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 24 23:29:48 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	363502	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	331452	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	182806	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	104086	18.024	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.080%			
7) Chloroethane-d5	2.885	69	91472	21.548	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.200%			
11) 1,1-Dichloroethene-d2	4.019	63	169773	21.062	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.240%			
21) 2-Butanone-d5	7.074	46	56561	47.970	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.940%			
24) Chloroform-d	7.647	84	224952	22.481	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.920%			
26) 1,2-Dichloroethane-d4	8.305	65	114181	21.187	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.760%			
32) Benzene-d6	8.275	84	398049	22.649	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.600%			
36) 1,2-Dichloropropane-d6	9.274	67	123777	23.906	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.640%			
41) Toluene-d8	10.323	98	389279	22.678	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.720%			
43) trans-1,3-Dichloroprop...	10.579	79	52974	22.416	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.680%			
47) 2-Hexanone-d5	10.921	63	45667	55.196	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.400%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	118779	24.562	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.240%			
66) 1,2-Dichlorobenzene-d4	13.853	152	154669	23.437	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	55599	41.948	ug/L	92
3) Chloromethane	2.215	50	117399	26.777	ug/L	99
5) Vinyl chloride	2.361	62	175208	25.641	ug/L	98
6) Bromomethane	2.776	94	89509	23.144	ug/L	93
8) Chloroethane	2.922	64	98130	27.109	ug/L	98
9) Trichlorofluoromethane	3.257	101	84424	27.394	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	123703	27.842	ug/L	98
12) 1,1-Dichloroethene	4.038	96	102012	25.773	ug/L	96
13) Acetone	4.123	43	37040	43.602	ug/L	99
14) Carbon disulfide	4.385	76	274529	22.547	ug/L	99
15) Methyl Acetate	4.672	43	46714	24.630	ug/L	95
16) Methylene chloride	4.916	84	120810	24.557	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	118191	25.221	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	185581	26.311	ug/L #	92
19) 1,1-Dichloroethane	6.220	63	214359	25.537	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	133284	26.007	ug/L #	96
22) 2-Butanone	7.165	43	61537	47.326	ug/L	98
23) Bromochloromethane	7.513	128	59496	25.200	ug/L	98
25) Chloroform	7.677	83	245470	25.913	ug/L	94

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	149322	23.835	ug/L	97
29) Cyclohexane	7.958	56	173022	25.917	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	208947	27.234	ug/L	98
31) Carbon tetrachloride	8.073	117	193810	27.420	ug/L	97
33) Benzene	8.323	78	502317	26.235	ug/L	100
34) Trichloroethene	9.092	95	135744	26.450	ug/L	96
35) Methylcyclohexane	9.335	83	215223	25.904	ug/L	97
37) 1,2-Dichloropropane	9.366	63	122946	26.275	ug/L	99
38) Bromodichloromethane	9.646	83	176548	26.827	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	192873	26.899	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	142331	53.331	ug/L	100
42) Toluene	10.384	91	569737	26.633	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	174026	26.897	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	102222	26.596	ug/L	99
46) Tetrachloroethene	10.860	164	108964	27.503	ug/L	85
48) 2-Hexanone	10.969	43	98619	54.678	ug/L	99
49) Dibromochloromethane	11.128	129	123390	27.412	ug/L	96
50) 1,2-Dibromoethane	11.238	107	95320	26.529	ug/L	93
51) Chlorobenzene	11.658	112	382389	26.486	ug/L	99
52) Ethylbenzene	11.731	91	652620	26.842	ug/L	100
53) m,p-Xylene	11.841	106	257974	27.262	ug/L	98
54) o-Xylene	12.164	106	245377	27.135	ug/L	100
55) Styrene	12.182	104	437077	27.799	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	122214	26.183	ug/L	100
59) Bromoform	12.347	173	67142	25.839	ug/L	98
60) Isopropylbenzene	12.463	105	683143	26.107	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	84755	24.366	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	577326	26.977	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	577388	26.960	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	307479	26.488	ug/L	89
65) 1,4-Dichlorobenzene	13.579	146	316512	26.703	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	274478	25.815	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	18205	23.703	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	208703	27.515	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	166473	28.185	ug/L	99
71) Naphthalene	15.365	128	319924	27.535	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	145271	28.292	ug/L	99

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

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