Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060722\
Data File : VW023420.D
Acq On : 07 Jun 2022 18:28
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

Quant Time: Jun 08 01:23:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 08 01:20:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	333351	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	326517	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	172001	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	144672	28.037	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 112.160%			
7) Chloroethane-d5	2.885	69	104440	28.732	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 114.920%			
11) 1,1-Dichloroethene-d2	4.019	63	167863	21.663	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 86.640%			
21) 2-Butanone-d5	7.080	46	60460	60.755	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 121.500%			
24) Chloroform-d	7.653	84	229744	25.559	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.240%			
26) 1,2-Dichloroethane-d4	8.305	65	130823	27.706	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.840%			
32) Benzene-d6	8.275	84	439376	24.241	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.960%			
36) 1,2-Dichloropropane-d6	9.274	67	130027	25.595	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.360%			
41) Toluene-d8	10.323	98	415687	24.081	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.320%			
43) trans-1,3-Dichloroprop...	10.579	79	55852	24.642	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.560%			
47) 2-Hexanone-d5	10.927	63	47940	63.043	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 126.080%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	130237	29.962	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 119.840%			
66) 1,2-Dichlorobenzene-d4	13.853	152	159165	25.566	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	44730	40.764	ug/L	97
3) Chloromethane	2.215	50	114064	29.482	ug/L	98
5) Vinyl chloride	2.361	62	170273	28.736	ug/L	100
6) Bromomethane	2.776	94	78337	24.052	ug/L	94
8) Chloroethane	2.916	64	83796	28.890	ug/L	99
9) Trichlorofluoromethane	3.251	101	54273	16.694	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	98495	23.058	ug/L	95
12) 1,1-Dichloroethene	4.038	96	86144	22.602	ug/L	96
13) Acetone	4.123	43	38538	51.631	ug/L	95
14) Carbon disulfide	4.385	76	271441	22.221	ug/L	99
15) Methyl Acetate	4.672	43	46183	28.172	ug/L	97
16) Methylene chloride	4.915	84	106855	22.253	ug/L	92
17) trans-1,2-Dichloroethene	5.421	96	106246	23.394	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	174388	26.497	ug/L #	88
19) 1,1-Dichloroethane	6.214	63	193332	25.455	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	118969	25.044	ug/L #	98
22) 2-Butanone	7.171	43	65606	60.399	ug/L	98
23) Bromochloromethane	7.513	128	55614	24.959	ug/L	93
25) Chloroform	7.677	83	214725	25.528	ug/L	95

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Quant Title : SFAM01.0
QLast Update : Wed Jun 08 01:20:30 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	149276	28.188	ug/L	100
29) Cyclohexane	7.958	56	159462	22.856	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	178454	22.973	ug/L	98
31) Carbon tetrachloride	8.067	117	156730	21.870	ug/L	100
33) Benzene	8.323	78	468281	24.438	ug/L	100
34) Trichloroethene	9.092	95	120155	22.922	ug/L	98
35) Methylcyclohexane	9.335	83	194260	22.578	ug/L	97
37) 1,2-Dichloropropane	9.366	63	112797	25.120	ug/L	100
38) Bromodichloromethane	9.646	83	163956	26.025	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	174823	24.852	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	148127	60.671	ug/L	100
42) Toluene	10.384	91	537618	24.882	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	162526	26.472	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	97002	26.908	ug/L	96
46) Tetrachloroethene	10.860	164	90410	21.803	ug/L	88
48) 2-Hexanone	10.969	43	100472	63.637	ug/L	99
49) Dibromochloromethane	11.128	129	115644	26.523	ug/L	98
50) 1,2-Dibromoethane	11.231	107	94621	26.794	ug/L	97
51) Chlorobenzene	11.658	112	349488	24.715	ug/L	95
52) Ethylbenzene	11.731	91	594157	24.958	ug/L	100
53) m,p-Xylene	11.841	106	234433	25.442	ug/L	99
54) o-Xylene	12.164	106	227235	25.743	ug/L	98
55) Styrene	12.176	104	400901	26.393	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	122491	28.334	ug/L	97
59) Bromoform	12.347	173	62117	26.061	ug/L	99
60) Isopropylbenzene	12.463	105	617152	25.073	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	86705	27.870	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	518102	25.432	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	517211	25.651	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	269438	24.125	ug/L	93
65) 1,4-Dichlorobenzene	13.572	146	271666	23.783	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	257386	25.404	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	19014	28.781	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	169022	22.887	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	137155	23.977	ug/L	99
71) Naphthalene	15.359	128	304649	28.696	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	124779	25.087	ug/L	96

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

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