Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070822\
Data File : VW023590.D
Acq On : 08 Jul 2022 14:19
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025593

Quant Time: Jul 08 23:21:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070722SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 08 23:21:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	334157	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	327640	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	179509	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	149590	24.730	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.920%			
7) Chloroethane-d5	2.879	69	81911	23.677	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.720%			
11) 1,1-Dichloroethene-d2	4.013	63	164761	24.160	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 96.640%			
21) 2-Butanone-d5	7.080	46	68443	54.488	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.980%			
24) Chloroform-d	7.647	84	236771	24.876	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.520%			
26) 1,2-Dichloroethane-d4	8.305	65	133730	24.858	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.440%			
32) Benzene-d6	8.268	84	457215	25.221	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.880%			
36) 1,2-Dichloropropane-d6	9.274	67	129595	24.417	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.680%			
41) Toluene-d8	10.323	98	441682	25.136	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.560%			
43) trans-1,3-Dichloroprop...	10.579	79	59927	25.295	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.160%			
47) 2-Hexanone-d5	10.920	63	57203	55.107	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.220%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	137954	26.200	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.800%			
66) 1,2-Dichlorobenzene-d4	13.853	152	158889	24.533	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	55324	27.679	ug/L	97
3) Chloromethane	2.215	50	97902	21.151	ug/L	97
5) Vinyl chloride	2.355	62	176542	23.462	ug/L	98
6) Bromomethane	2.776	94	85525	19.688	ug/L	100
8) Chloroethane	2.916	64	60805	21.389	ug/L	92
9) Trichlorofluoromethane	3.251	101	81577	27.175	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	105516	22.141	ug/L	99
12) 1,1-Dichloroethene	4.025	96	89838	22.608	ug/L	92
13) Acetone	4.123	43	47719	51.546	ug/L	97
14) Carbon disulfide	4.373	76	250808	21.200	ug/L	96
15) Methyl Acetate	4.672	43	49416	22.742	ug/L	100
16) Methylene chloride	4.903	84	120008	21.177	ug/L	94
17) trans-1,2-Dichloroethene	5.415	96	103084	21.553	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	157140	22.252	ug/L	99
19) 1,1-Dichloroethane	6.208	63	190129	22.662	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	117923	22.511	ug/L	95
22) 2-Butanone	7.171	43	75297	45.329	ug/L	98
23) Bromochloromethane	7.513	128	55814	21.412	ug/L	97
25) Chloroform	7.671	83	215751	22.639	ug/L	96

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Quant Title : SFAM01.0
QLast Update : Fri Jul 08 23:21:00 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	145027	22.487	ug/L	100
29) Cyclohexane	7.951	56	158227	23.214	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	177063	22.730	ug/L	100
31) Carbon tetrachloride	8.061	117	159471	22.098	ug/L	99
33) Benzene	8.323	78	454538	22.094	ug/L	100
34) Trichloroethene	9.091	95	118745	22.145	ug/L	95
35) Methylcyclohexane	9.335	83	191578	22.208	ug/L	98
37) 1,2-Dichloropropane	9.366	63	113476	22.815	ug/L	99
38) Bromodichloromethane	9.640	83	159374	22.694	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	176876	23.313	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	156534	47.273	ug/L	99
42) Toluene	10.384	91	522177	23.262	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	166087	23.742	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	96636	22.572	ug/L	96
46) Tetrachloroethene	10.859	164	93827	22.261	ug/L	89
48) 2-Hexanone	10.963	43	115686	49.312	ug/L	99
49) Dibromochloromethane	11.128	129	118443	23.239	ug/L	99
50) 1,2-Dibromoethane	11.231	107	95045	22.488	ug/L	100
51) Chlorobenzene	11.652	112	343462	22.473	ug/L	97
52) Ethylbenzene	11.731	91	573442	22.626	ug/L	99
53) m,p-Xylene	11.835	106	228397	23.229	ug/L	98
54) o-Xylene	12.164	106	218858	23.244	ug/L	96
55) Styrene	12.176	104	386084	23.580	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	123194	22.363	ug/L	93
59) Bromoform	12.347	173	64357	21.433	ug/L	97
60) Isopropylbenzene	12.463	105	589905	22.739	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	89737	21.990	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	497666	23.133	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	494463	22.976	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	264927	21.589	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	267131	21.463	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	248823	21.988	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	20620	21.442	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	170708	21.439	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	136201	21.170	ug/L	99
71) Naphthalene	15.359	128	308533	22.217	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	127655	21.405	ug/L	97

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

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