Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030722\
Data File : VW022212.D
Acq On : 07 Mar 2022 19:40
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

Quant Time: Mar 08 00:26:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Mar 08 00:21:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	141343	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	132549	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	74947	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	46326	25.129	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.520%			
7) Chloroethane-d5	2.885	69	36464	25.139	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.560%			
11) 1,1-Dichloroethene-d2	4.019	63	69446	24.599	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 98.400%			
21) 2-Butanone-d5	7.074	46	18268	58.936	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 117.880%			
24) Chloroform-d	7.653	84	85337	27.060	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 108.240%			
26) 1,2-Dichloroethane-d4	8.305	65	44553	27.179	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.720%			
32) Benzene-d6	8.275	84	165490	26.827	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 107.320%			
36) 1,2-Dichloropropane-d6	9.274	67	44880	26.197	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.800%			
41) Toluene-d8	10.323	98	163032	26.583	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 106.320%			
43) trans-1,3-Dichloroprop...	10.579	79	20135	26.508	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 106.040%			
47) 2-Hexanone-d5	10.920	63	15267	54.184	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.360%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	42039	27.961	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 111.840%			
66) 1,2-Dichlorobenzene-d4	13.853	152	62055	25.779	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	8436	21.356	ug/L	92
3) Chloromethane	2.221	50	28863	21.323	ug/L	96
5) Vinyl chloride	2.361	62	44603	21.931	ug/L	98
6) Bromomethane	2.782	94	27765	19.547	ug/L	92
8) Chloroethane	2.916	64	26265	22.989	ug/L	88
9) Trichlorofluoromethane	3.263	101	34969	25.325	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	42008	24.936	ug/L #	90
12) 1,1-Dichloroethene	4.044	96	34231	23.445	ug/L	97
13) Acetone	4.117	43	13146	51.927	ug/L	64
14) Carbon disulfide	4.385	76	73459	19.406	ug/L	100
15) Methyl Acetate	4.678	43	14646	25.697	ug/L	99
16) Methylene chloride	4.915	84	41373	23.847	ug/L	94
17) trans-1,2-Dichloroethene	5.428	96	38334	23.904	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	59441	27.244	ug/L	99
19) 1,1-Dichloroethane	6.220	63	67888	26.148	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	44082	25.375	ug/L	100
22) 2-Butanone	7.165	43	19775	54.376	ug/L	99
23) Bromochloromethane	7.513	128	21476	25.307	ug/L	91
25) Chloroform	7.677	83	80452	26.558	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	48189	25.827	ug/L		99
29) Cyclohexane	7.952	56	51819	23.491	ug/L		99
30) 1,1,1-Trichloroethane	7.872	97	68374	25.639	ug/L		99
31) Carbon tetrachloride	8.073	117	63171	24.925	ug/L		99
33) Benzene	8.323	78	162050	25.287	ug/L		100
34) Trichloroethene	9.092	95	45750	24.933	ug/L		95
35) Methylcyclohexane	9.335	83	66839	23.550	ug/L		99
37) 1,2-Dichloropropane	9.366	63	38827	25.970	ug/L		98
38) Bromodichloromethane	9.646	83	56823	26.504	ug/L		98
39) cis-1,3-Dichloropropene	10.073	75	61965	27.267	ug/L		96
40) 4-Methyl-2-pentanone	10.207	43	44171	54.710	ug/L		99
42) Toluene	10.384	91	188111	25.935	ug/L		99
44) trans-1,3-Dichloropropene	10.603	75	55297	27.078	ug/L		98
45) 1,1,2-Trichloroethane	10.786	97	34580	26.084	ug/L		96
46) Tetrachloroethene	10.860	164	37664	23.432	ug/L		80
48) 2-Hexanone	10.969	43	32061	57.215	ug/L		99
49) Dibromochloromethane	11.128	129	42819	26.590	ug/L		99
50) 1,2-Dibromoethane	11.231	107	33018	25.821	ug/L	#	98
51) Chlorobenzene	11.652	112	130576	25.868	ug/L		99
52) Ethylbenzene	11.725	91	208876	26.021	ug/L		99
53) m,p-Xylene	11.835	106	87337	26.442	ug/L		100
54) o-Xylene	12.164	106	83545	26.882	ug/L		96
55) Styrene	12.176	104	143103	27.466	ug/L		92
57) 1,1,2,2-Tetrachloroethane	12.713	83	41943	27.268	ug/L		96
59) Bromoform	12.347	173	24634	24.855	ug/L	#	95
60) Isopropylbenzene	12.463	105	229648	25.525	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	30499	25.784	ug/L		97
62) 1,3,5-Trimethylbenzene	12.938	105	157869	26.388	ug/L		98
63) 1,2,4-Trimethylbenzene	13.249	105	194853	26.651	ug/L		98
64) 1,3-Dichlorobenzene	13.493	146	109900	24.625	ug/L		97
65) 1,4-Dichlorobenzene	13.579	146	110501	24.707	ug/L		95
67) 1,2-Dichlorobenzene	13.865	146	97737	24.631	ug/L		95
68) 1,2-Dibromo-3-chloropr...	14.481	75	6184	24.730	ug/L	#	83
69) 1,3,5-Trichlorobenzene	14.627	180	77159	24.087	ug/L		91
70) 1,2,4-trichlorobenzene	15.133	180	59537	24.564	ug/L		100
71) Naphthalene	15.365	128	114019	26.648	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	53206	25.379	ug/L		93

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

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