Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122521\
Data File : VW021649.D
Acq On : 25 Dec 2021 16:33
Operator : SY/VA
Sample : M5174-11REMSD
Misc : 3.49g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBC20REMSD

Quant Time: Dec 27 00:41:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 24 01:43:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	88313	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	70418	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	24804	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	24828	15.436	ug/L	0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 61.760%			
7) Chloroethane-d5	2.885	69	19524	18.362	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.440%			
11) 1,1-Dichloroethene-d2	4.025	63	42077	19.623	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 78.480%			
21) 2-Butanone-d5	7.080	46	20943	92.373	ug/L	-0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 184.740%#			
24) Chloroform-d	7.647	84	62497	25.394	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.560%			
26) 1,2-Dichloroethane-d4	8.305	65	37054	28.304	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 113.200%			
32) Benzene-d6	8.275	84	97666	25.303	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.200%			
36) 1,2-Dichloropropane-d6	9.274	67	32085	30.995	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 124.000%#			
41) Toluene-d8	10.323	98	86053	21.820	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.280%			
43) trans-1,3-Dichloroprop...	10.579	79	13975	29.320	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 117.280%			
47) 2-Hexanone-d5	10.920	63	16747	109.405	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 218.820%#			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	33648	37.812	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 151.240%#			
66) 1,2-Dichlorobenzene-d4	13.847	152	19153	19.924	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 79.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	10997	32.228	ug/L	100
3) Chloromethane	2.215	50	25541	22.609	ug/L	99
5) Vinyl chloride	2.361	62	35361	19.940	ug/L	99
6) Bromomethane	2.776	94	20497	17.819	ug/L	98
8) Chloroethane	2.922	64	16768	20.524	ug/L	98
9) Trichlorofluoromethane	3.257	101	19587	20.933	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	28580	23.437	ug/L	89
12) 1,1-Dichloroethene	4.038	96	25437	23.237	ug/L	84
13) Acetone	4.129	43	14572	71.695	ug/L	95
14) Carbon disulfide	4.385	76	52749	18.659	ug/L	100
15) Methyl Acetate	4.678	43	13237	37.745	ug/L #	87
16) Methylene chloride	4.915	84	29324	20.096	ug/L	87
17) trans-1,2-Dichloroethene	5.428	96	27126	22.886	ug/L	84
18) Methyl tert-butyl Ether	5.428	73	56074	34.254	ug/L	95
19) 1,1-Dichloroethane	6.220	63	49840	26.797	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	31298	25.035	ug/L	74
22) 2-Butanone	7.177	43	18398	69.314	ug/L	84
23) Bromochloromethane	7.519	128	16509	28.242	ug/L #	60
25) Chloroform	7.677	83	57318	26.547	ug/L	98

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 24 01:43:02 2021
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	40673	29.747	ug/L		99
29) Cyclohexane	7.951	56	33625	23.990	ug/L	#	81
30) 1,1,1-Trichloroethane	7.878	97	47506	30.067	ug/L		95
31) Carbon tetrachloride	8.067	117	41556	28.512	ug/L		96
33) Benzene	8.323	78	109387	28.516	ug/L		100
34) Trichloroethene	9.091	95	34137	31.701	ug/L		93
35) Methylcyclohexane	9.335	83	31939	17.981	ug/L		85
37) 1,2-Dichloropropane	9.372	63	27075	31.643	ug/L	#	96
38) Bromodichloromethane	9.646	83	40166	34.141	ug/L		99
39) cis-1,3-Dichloropropene	10.073	75	42466	31.484	ug/L		95
40) 4-Methyl-2-pentanone	10.207	43	42300	90.729	ug/L	#	89
42) Toluene	10.390	91	114742	25.575	ug/L		97
44) trans-1,3-Dichloropropene	10.603	75	38840	32.876	ug/L		98
45) 1,1,2-Trichloroethane	10.786	97	25371	36.227	ug/L		92
46) Tetrachloroethene	10.866	164	44160	43.169	ug/L		95
48) 2-Hexanone	10.969	43	29231	86.457	ug/L	#	93
49) Dibromochloromethane	11.128	129	30632	35.480	ug/L		91
50) 1,2-Dibromoethane	11.237	107	25018	35.896	ug/L	#	99
51) Chlorobenzene	11.658	112	61369	20.431	ug/L		89
52) Ethylbenzene	11.731	91	110787	21.609	ug/L		97
53) m,p-Xylene	11.835	106	40383	19.525	ug/L		97
54) o-Xylene	12.164	106	41280	21.031	ug/L		90
55) Styrene	12.182	104	56202	16.824	ug/L		90
57) 1,1,2,2-Tetrachloroethane	12.713	83	29872	37.209	ug/L	#	97
59) Bromoform	12.347	173	15656	53.048	ug/L	#	97
60) Isopropylbenzene	12.463	105	102327	30.361	ug/L		97
61) 1,2,3-Trichloropropane	12.768	75	21690	60.084	ug/L	#	91
62) 1,3,5-Trimethylbenzene	12.938	105	75193	26.218	ug/L		98
63) 1,2,4-Trimethylbenzene	13.249	105	68188	24.101	ug/L		98
64) 1,3-Dichlorobenzene	13.499	146	29526	18.573	ug/L		97
65) 1,4-Dichlorobenzene	13.578	146	30367	19.226	ug/L		91
67) 1,2-Dichlorobenzene	13.865	146	29856	21.332	ug/L		95
68) 1,2-Dibromo-3-chloropr...	14.481	75	4046	54.338	ug/L	#	70
69) 1,3,5-Trichlorobenzene	14.627	180	14396	12.116	ug/L		98
70) 1,2,4-trichlorobenzene	15.127	180	9306	9.737	ug/L		98
71) Naphthalene	15.359	128	20878	13.446	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	8687	10.999	ug/L		96

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

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