Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021092.D
Acq On : 04 Dec 2021 03:16
Operator : SY/VA
Sample : M4883-22MSD
Misc : 5.21g/10.0mL/MSVOA_W/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EW9H6MSD

Quant Time: Dec 04 05:44:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 04 04:50:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	105529	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	87159	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	39396	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	38984	26.514	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.040%			
7) Chloroethane-d5	2.885	69	27977	28.425	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 113.680%			
11) 1,1-Dichloroethene-d2	4.019	63	59848	25.480	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 101.920%			
21) 2-Butanone-d5	7.086	46	12338	36.789	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.580%			
24) Chloroform-d	7.653	84	68622	25.965	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.880%			
26) 1,2-Dichloroethane-d4	8.305	65	35467	24.531	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.120%			
32) Benzene-d6	8.275	84	126658	28.421	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 113.680%			
36) 1,2-Dichloropropane-d6	9.274	67	35772	28.884	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 115.520%			
41) Toluene-d8	10.323	98	122224	26.747	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 107.000%			
43) trans-1,3-Dichloroprop...	10.579	79	13798	24.536	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.160%			
47) 2-Hexanone-d5	10.927	63	9935	41.929	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.860%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	24921	21.751	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 87.000%			
66) 1,2-Dichlorobenzene-d4	13.853	152	32687	23.157	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	10060	19.516	ug/L	96
3) Chloromethane	2.215	50	28056	24.313	ug/L	99
5) Vinyl chloride	2.361	62	49431	24.658	ug/L	94
6) Bromomethane	2.782	94	32420	24.322	ug/L	98
8) Chloroethane	2.922	64	21492	25.724	ug/L	98
9) Trichlorofluoromethane	3.263	101	24336	25.141	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	31876	21.039	ug/L #	78
12) 1,1-Dichloroethene	4.038	96	32210	23.515	ug/L	80
13) Acetone	4.135	43	9261	30.315	ug/L	93
14) Carbon disulfide	4.385	76	87016	22.887	ug/L	99
15) Methyl Acetate	4.678	43	9429	17.023	ug/L #	89
16) Methylene chloride	4.915	84	34794	20.928	ug/L	83
17) trans-1,2-Dichloroethene	5.434	96	34257	23.489	ug/L	85
18) Methyl tert-butyl Ether	5.434	73	50423	22.907	ug/L	94
19) 1,1-Dichloroethane	6.220	63	56911	24.609	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	36484	23.580	ug/L	75
22) 2-Butanone	7.171	43	13646	32.278	ug/L	86
23) Bromochloromethane	7.519	128	16884	23.322	ug/L #	69
25) Chloroform	7.683	83	63361	24.407	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	39065	23.004	ug/L		97
29) Cyclohexane	7.958	56	48180	25.058	ug/L	#	83
30) 1,1,1-Trichloroethane	7.878	97	54480	26.808	ug/L		95
31) Carbon tetrachloride	8.073	117	49240	26.075	ug/L		98
33) Benzene	8.323	78	130041	26.237	ug/L		100
34) Trichloroethene	9.092	95	34839	25.478	ug/L		89
35) Methylcyclohexane	9.335	83	52305	22.725	ug/L		85
37) 1,2-Dichloropropane	9.366	63	30333	27.077	ug/L	#	96
38) Bromodichloromethane	9.646	83	42818	27.190	ug/L	#	97
39) cis-1,3-Dichloropropene	10.073	75	45923	25.344	ug/L		99
40) 4-Methyl-2-pentanone	10.207	43	32230	42.233	ug/L	#	93
42) Toluene	10.390	91	144185	25.469	ug/L		99
44) trans-1,3-Dichloropropene	10.603	75	39103	23.852	ug/L		96
45) 1,1,2-Trichloroethane	10.786	97	23471	24.991	ug/L		94
46) Tetrachloroethene	10.860	164	30527	24.380	ug/L		90
48) 2-Hexanone	10.969	43	21635	39.299	ug/L	#	94
49) Dibromochloromethane	11.128	129	28690	24.441	ug/L		97
50) 1,2-Dibromoethane	11.231	107	22901	23.911	ug/L	#	99
51) Chlorobenzene	11.658	112	85767	22.673	ug/L		93
52) Ethylbenzene	11.731	91	148937	23.369	ug/L		97
53) m,p-Xylene	11.841	106	59600	22.606	ug/L		84
54) o-Xylene	12.164	106	57847	23.271	ug/L		100
55) Styrene	12.182	104	87603	20.685	ug/L		91
57) 1,1,2,2-Tetrachloroethane	12.713	83	23974	21.222	ug/L	#	95
59) Bromoform	12.353	173	16306	29.024	ug/L		92
60) Isopropylbenzene	12.463	105	156834	28.645	ug/L		97
61) 1,2,3-Trichloropropane	12.768	75	17352	26.293	ug/L	#	91
62) 1,3,5-Trimethylbenzene	12.945	105	126576	27.606	ug/L		96
63) 1,2,4-Trimethylbenzene	13.249	105	120578	26.147	ug/L		96
64) 1,3-Dichlorobenzene	13.499	146	59367	23.028	ug/L		97
65) 1,4-Dichlorobenzene	13.579	146	56555	21.706	ug/L		93
67) 1,2-Dichlorobenzene	13.865	146	53128	23.145	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.481	75	3400	22.815	ug/L	#	82
69) 1,3,5-Trichlorobenzene	14.627	180	34569	18.245	ug/L		96
70) 1,2,4-trichlorobenzene	15.133	180	23249	14.933	ug/L		99
71) Naphthalene	15.365	128	50036	17.288	ug/L		100
72) 1,2,3-Trichlorobenzene	15.554	180	20500	15.087	ug/L		98

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

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