Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122721\
Data File : VW021664.D
Acq On : 27 Dec 2021 18:26
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

Quant Time: Dec 28 00:42:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Dec 28 00:40:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	108232	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	111409	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	67394	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	39445	20.011	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.040%			
7) Chloroethane-d5	2.885	69	29388	22.552	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.200%			
11) 1,1-Dichloroethene-d2	4.013	63	63578	24.193	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 96.760%			
21) 2-Butanone-d5	7.086	46	16137	58.076	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 116.160%			
24) Chloroform-d	7.647	84	76065	25.219	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.880%			
26) 1,2-Dichloroethane-d4	8.305	65	41083	25.606	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.440%			
32) Benzene-d6	8.275	84	141094	23.105	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.400%			
36) 1,2-Dichloropropane-d6	9.274	67	40095	24.482	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.920%			
41) Toluene-d8	10.323	98	141295	22.645	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.600%			
43) trans-1,3-Dichloroprop...	10.579	79	19395	25.720	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.880%			
47) 2-Hexanone-d5	10.921	63	13844	57.164	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 114.320%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	37310	26.501	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.000%			
66) 1,2-Dichlorobenzene-d4	13.853	152	59969	22.960	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	8399	20.085	ug/L	100
3) Chloromethane	2.209	50	28759	20.773	ug/L	100
5) Vinyl chloride	2.361	62	42346	19.484	ug/L	94
6) Bromomethane	2.782	94	26126	18.533	ug/L	96
8) Chloroethane	2.922	64	22437	22.408	ug/L	95
9) Trichlorofluoromethane	3.257	101	37967	33.108	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	37064	24.800	ug/L	90
12) 1,1-Dichloroethene	4.038	96	31849	23.740	ug/L	88
13) Acetone	4.147	43	12607	50.612	ug/L	95
14) Carbon disulfide	4.379	76	68983	19.911	ug/L	100
15) Methyl Acetate	4.684	43	11895	27.676	ug/L #	86
16) Methylene chloride	4.915	84	36973	20.674	ug/L	83
17) trans-1,2-Dichloroethene	5.421	96	34134	23.499	ug/L	85
18) Methyl tert-butyl Ether	5.428	73	56984	28.404	ug/L	94
19) 1,1-Dichloroethane	6.214	63	59260	25.998	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	39683	25.900	ug/L	79
22) 2-Butanone	7.177	43	17343	53.314	ug/L	84
23) Bromochloromethane	7.519	128	19248	26.868	ug/L #	61
25) Chloroform	7.677	83	68856	26.022	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.397	62	45906	27.396	ug/L		98
29) Cyclohexane	7.952	56	48756	21.987	ug/L	#	82
30) 1,1,1-Trichloroethane	7.872	97	63065	25.229	ug/L		94
31) Carbon tetrachloride	8.067	117	57258	24.831	ug/L		98
33) Benzene	8.323	78	138835	22.876	ug/L		100
34) Trichloroethene	9.092	95	40074	23.522	ug/L		90
35) Methylcyclohexane	9.335	83	61029	21.716	ug/L	#	85
37) 1,2-Dichloropropane	9.366	63	33311	24.607	ug/L	#	96
38) Bromodichloromethane	9.646	83	50630	27.201	ug/L		99
39) cis-1,3-Dichloropropene	10.073	75	56197	26.335	ug/L		100
40) 4-Methyl-2-pentanone	10.207	43	40034	54.275	ug/L	#	91
42) Toluene	10.390	91	164032	23.110	ug/L		97
44) trans-1,3-Dichloropropene	10.603	75	51346	27.471	ug/L		98
45) 1,1,2-Trichloroethane	10.786	97	29721	26.824	ug/L		93
46) Tetrachloroethene	10.860	164	37304	23.050	ug/L		97
48) 2-Hexanone	10.969	43	29759	55.634	ug/L	#	95
49) Dibromochloromethane	11.128	129	37541	27.484	ug/L		100
50) 1,2-Dibromoethane	11.238	107	28165	25.543	ug/L	#	97
51) Chlorobenzene	11.658	112	117845	24.798	ug/L		92
52) Ethylbenzene	11.725	91	193512	23.857	ug/L		98
53) m,p-Xylene	11.835	106	76038	23.238	ug/L		97
54) o-Xylene	12.164	106	74882	24.113	ug/L		94
55) Styrene	12.176	104	131507	24.882	ug/L		95
57) 1,1,2,2-Tetrachloroethane	12.713	83	34909	27.484	ug/L	#	96
59) Bromoform	12.347	173	22698	28.306	ug/L		97
60) Isopropylbenzene	12.463	105	210719	23.010	ug/L		96
61) 1,2,3-Trichloropropane	12.768	75	25699	26.201	ug/L		93
62) 1,3,5-Trimethylbenzene	12.945	105	177421	22.768	ug/L		95
63) 1,2,4-Trimethylbenzene	13.249	105	174536	22.705	ug/L		94
64) 1,3-Dichlorobenzene	13.493	146	103473	23.955	ug/L		90
65) 1,4-Dichlorobenzene	13.579	146	100221	23.353	ug/L		94
67) 1,2-Dichlorobenzene	13.865	146	94290	24.795	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.481	75	5384	26.612	ug/L	#	74
69) 1,3,5-Trichlorobenzene	14.627	180	79849	24.733	ug/L		99
70) 1,2,4-trichlorobenzene	15.127	180	62942	24.239	ug/L		91
71) Naphthalene	15.359	128	105038	24.898	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	52413	24.424	ug/L		96

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

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