Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071221\
Data File : VW019458.D
Acq On : 13 Jul 2021 02:59
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025488

Quant Time: Jul 13 04:40:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jul 13 04:35:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	459844	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	436975	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	223364	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	163919	25.159	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.640%			
7) Chloroethane-d5	2.897	69	120994	26.042	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.160%			
11) 1,1-Dichloroethene-d2	4.031	63	306533	24.383	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 97.520%			
21) 2-Butanone-d5	7.080	46	96720	51.146	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.300%			
24) Chloroform-d	7.653	84	318847	25.094	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.360%			
26) 1,2-Dichloroethane-d4	8.305	65	174235	24.988	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.960%			
32) Benzene-d6	8.281	84	648532	24.932	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.720%			
36) 1,2-Dichloropropane-d6	9.274	67	199338	24.588	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.360%			
41) Toluene-d8	10.323	98	582846	24.853	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.400%			
43) trans-1,3-Dichloroprop...	10.579	79	82627	23.798	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.200%			
47) 2-Hexanone-d5	10.927	63	78655	52.294	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.580%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	166400	25.401	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.600%			
66) 1,2-Dichlorobenzene-d4	13.853	152	198014	25.126	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	137706	25.139	ug/L	97
3) Chloromethane	2.221	50	141138	25.109	ug/L	98
5) Vinyl chloride	2.367	62	204439	26.425	ug/L	97
6) Bromomethane	2.788	94	115279	26.949	ug/L	96
8) Chloroethane	2.934	64	113430	27.546	ug/L	97
9) Trichlorofluoromethane	3.269	101	117768	25.059	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	157203	26.150	ug/L	96
12) 1,1-Dichloroethene	4.050	96	160466	26.730	ug/L	94
13) Acetone	4.129	43	73492	52.742	ug/L	88
14) Carbon disulfide	4.397	76	514033	26.739	ug/L	99
15) Methyl Acetate	4.672	43	88024	28.383	ug/L	100
16) Methylene chloride	4.922	84	218144	23.796	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	175328	26.856	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	254667	28.235	ug/L	95
19) 1,1-Dichloroethane	6.220	63	327885	27.355	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	191422	27.723	ug/L	99
22) 2-Butanone	7.177	43	112042	51.965	ug/L	97
23) Bromochloromethane	7.519	128	85834	27.602	ug/L	91
25) Chloroform	7.677	83	326099	27.503	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	220803	27.679	ug/L	99
29) Cyclohexane	7.958	56	287197	25.629	ug/L	93
30) 1,1,1-Trichloroethane	7.878	97	239098	26.512	ug/L	99
31) Carbon tetrachloride	8.073	117	218772	26.073	ug/L	99
33) Benzene	8.329	78	746044	27.276	ug/L	100
34) Trichloroethene	9.098	95	184745	26.465	ug/L	94
35) Methylcyclohexane	9.335	83	316701	25.637	ug/L	95
37) 1,2-Dichloropropane	9.372	63	189892	27.396	ug/L	98
38) Bromodichloromethane	9.646	83	238444	27.743	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	284840	26.872	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	244733	55.942	ug/L	96
42) Toluene	10.390	91	783784	27.494	ug/L	96
44) trans-1,3-Dichloropropene	10.610	75	251662	26.991	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	143783	27.879	ug/L	96
46) Tetrachloroethene	10.866	164	141635	26.621	ug/L	96
48) 2-Hexanone	10.969	43	169219	56.793	ug/L	96
49) Dibromochloromethane	11.128	129	158256	28.534	ug/L	100
50) 1,2-Dibromoethane	11.237	107	137341	27.765	ug/L	96
51) Chlorobenzene	11.658	112	493848	27.549	ug/L	97
52) Ethylbenzene	11.731	91	847155	27.296	ug/L	99
53) m,p-Xylene	11.841	106	326789	27.862	ug/L	94
54) o-Xylene	12.164	106	313108	28.250	ug/L	98
55) Styrene	12.182	104	547996	28.536	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	179258	28.224	ug/L	99
59) Bromoform	12.347	173	90002	28.230	ug/L	100
60) Isopropylbenzene	12.463	105	817539	27.234	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	133965	27.379	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	695295	27.663	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	706897	27.912	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	363479	26.460	ug/L	90
65) 1,4-Dichlorobenzene	13.578	146	378023	27.850	ug/L	90
67) 1,2-Dichlorobenzene	13.865	146	331700	26.803	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	29322	27.461	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	262872	26.190	ug/L	95
70) 1,2,4-trichlorobenzene	15.133	180	212613	25.336	ug/L	95
71) Naphthalene	15.365	128	499174	29.452	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	209635	27.895	ug/L	97

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

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