Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072621\
Data File : VW019589.D
Acq On : 26 Jul 2021 11:41
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025497

Quant Time: Jul 27 00:58:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 23 01:46:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	430538	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	392562	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	207432	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	115348	18.909	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.640%			
7) Chloroethane-d5	2.897	69	88341	20.308	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.240%			
11) 1,1-Dichloroethene-d2	4.031	63	244967	20.812	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 83.240%			
21) 2-Butanone-d5	7.086	46	77780	43.930	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.860%			
24) Chloroform-d	7.653	84	253228	21.286	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 85.160%			
26) 1,2-Dichloroethane-d4	8.305	65	138555	21.224	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.880%			
32) Benzene-d6	8.274	84	492425	21.073	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 84.280%			
36) 1,2-Dichloropropane-d6	9.274	67	154117	21.160	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 84.640%			
41) Toluene-d8	10.323	98	449693	21.345	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.360%			
43) trans-1,3-Dichloroprop...	10.579	79	66892	21.446	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.800%			
47) 2-Hexanone-d5	10.926	63	64310	47.594	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.180%			
56) 1,1,2,2-Tetrachloroeth...	12.694	84	138881	23.599	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.400%			
66) 1,2-Dichlorobenzene-d4	13.853	152	157203	21.480	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	132799	25.894	ug/L	96
3) Chloromethane	2.221	50	125902	23.923	ug/L	100
5) Vinyl chloride	2.367	62	176611	24.382	ug/L	98
6) Bromomethane	2.788	94	100713	25.146	ug/L	99
8) Chloroethane	2.934	64	98036	25.428	ug/L	97
9) Trichlorofluoromethane	3.269	101	131057	29.784	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	145889	25.919	ug/L	94
12) 1,1-Dichloroethene	4.050	96	145200	25.833	ug/L	94
13) Acetone	4.147	43	78578	60.231	ug/L	87
14) Carbon disulfide	4.391	76	450012	25.002	ug/L	99
15) Methyl Acetate	4.678	43	73684	25.376	ug/L	99
16) Methylene chloride	4.928	84	170190	19.829	ug/L	94
17) trans-1,2-Dichloroethene	5.427	96	156315	25.574	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	212179	25.125	ug/L	96
19) 1,1-Dichloroethane	6.220	63	282419	25.166	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	164292	25.413	ug/L	96
22) 2-Butanone	7.177	43	103422	51.233	ug/L	99
23) Bromochloromethane	7.519	128	74060	25.437	ug/L	95
25) Chloroform	7.677	83	283231	25.514	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	187871	25.154	ug/L		98
29) Cyclohexane	7.957	56	261636	25.990	ug/L		95
30) 1,1,1-Trichloroethane	7.872	97	226328	27.935	ug/L		98
31) Carbon tetrachloride	8.073	117	206386	27.379	ug/L		97
33) Benzene	8.323	78	642672	26.155	ug/L		100
34) Trichloroethene	9.091	95	164068	26.162	ug/L		92
35) Methylcyclohexane	9.335	83	292427	26.350	ug/L		96
37) 1,2-Dichloropropane	9.372	63	160690	25.806	ug/L		99
38) Bromodichloromethane	9.646	83	200506	25.968	ug/L		95
39) cis-1,3-Dichloropropene	10.073	75	246792	25.916	ug/L		98
40) 4-Methyl-2-pentanone	10.213	43	203243	51.714	ug/L		96
42) Toluene	10.390	91	679044	26.514	ug/L		97
44) trans-1,3-Dichloropropene	10.603	75	216702	25.871	ug/L		98
45) 1,1,2-Trichloroethane	10.786	97	122153	26.365	ug/L		96
46) Tetrachloroethene	10.866	164	129925	27.183	ug/L		95
48) 2-Hexanone	10.969	43	155443	58.072	ug/L		94
49) Dibromochloromethane	11.128	129	133633	26.820	ug/L		98
50) 1,2-Dibromoethane	11.237	107	115997	26.103	ug/L	#	93
51) Chlorobenzene	11.658	112	420618	26.118	ug/L		97
52) Ethylbenzene	11.731	91	756480	27.132	ug/L		96
53) m,p-Xylene	11.841	106	282388	26.800	ug/L		92
54) o-Xylene	12.164	106	269200	27.036	ug/L		98
55) Styrene	12.182	104	471863	27.351	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.713	83	149973	26.285	ug/L		98
59) Bromoform	12.353	173	75324	25.440	ug/L		94
60) Isopropylbenzene	12.463	105	725729	26.033	ug/L		100
61) 1,2,3-Trichloropropane	12.768	75	114444	25.186	ug/L		96
62) 1,3,5-Trimethylbenzene	12.944	105	615988	26.390	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	616092	26.195	ug/L		100
64) 1,3-Dichlorobenzene	13.499	146	323941	25.393	ug/L		93
65) 1,4-Dichlorobenzene	13.578	146	318728	25.285	ug/L		98
67) 1,2-Dichlorobenzene	13.871	146	293658	25.552	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.481	75	25682	25.900	ug/L		92
69) 1,3,5-Trichlorobenzene	14.627	180	240361	25.786	ug/L		98
70) 1,2,4-trichlorobenzene	15.133	180	192212	24.664	ug/L		94
71) Naphthalene	15.365	128	418438	26.585	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	180665	25.887	ug/L		95

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

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