Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072821\
Data File : VW019633.D
Acq On : 28 Jul 2021 09:49
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025501

Quant Time: Jul 29 01:05:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jul 28 00:48:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	435012	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	408981	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	207108	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	114217	18.531	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.120%			
7) Chloroethane-d5	2.891	69	91785	20.883	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.520%			
11) 1,1-Dichloroethene-d2	4.031	63	238242	20.033	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 80.120%			
21) 2-Butanone-d5	7.080	46	75642	42.283	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.560%			
24) Chloroform-d	7.653	84	256679	21.355	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 85.400%			
26) 1,2-Dichloroethane-d4	8.305	65	139102	21.088	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.360%			
32) Benzene-d6	8.275	84	493630	20.276	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 81.120%			
36) 1,2-Dichloropropane-d6	9.274	67	154269	20.331	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 81.320%			
41) Toluene-d8	10.323	98	445382	20.291	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 81.160%			
43) trans-1,3-Dichloroprop...	10.579	79	65637	20.199	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.800%			
47) 2-Hexanone-d5	10.926	63	61923	43.987	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.980%			
56) 1,1,2,2-Tetrachloroeth...	12.694	84	139121	22.690	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.760%			
66) 1,2-Dichlorobenzene-d4	13.853	152	153933	21.066	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	117518	22.679	ug/L	95
3) Chloromethane	2.215	50	111176	20.908	ug/L	99
5) Vinyl chloride	2.367	62	164502	22.477	ug/L	96
6) Bromomethane	2.788	94	92336	22.818	ug/L	99
8) Chloroethane	2.928	64	92545	23.757	ug/L	97
9) Trichlorofluoromethane	3.263	101	115191	25.909	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	132944	23.377	ug/L	95
12) 1,1-Dichloroethene	4.044	96	133649	23.533	ug/L	99
13) Acetone	4.129	43	72943	55.337	ug/L	87
14) Carbon disulfide	4.385	76	410289	22.561	ug/L	99
15) Methyl Acetate	4.672	43	63964	21.802	ug/L	100
16) Methylene chloride	4.921	84	152600	17.596	ug/L	95
17) trans-1,2-Dichloroethene	5.427	96	140767	22.793	ug/L	100
18) Methyl tert-butyl Ether	5.427	73	181104	21.225	ug/L	96
19) 1,1-Dichloroethane	6.220	63	253491	22.356	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	146218	22.385	ug/L	99
22) 2-Butanone	7.171	43	93007	45.599	ug/L	99
23) Bromochloromethane	7.519	128	67256	22.862	ug/L	93
25) Chloroform	7.677	83	259305	23.118	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	170287	22.565	ug/L	97
29) Cyclohexane	7.957	56	225586	21.509	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	201431	23.864	ug/L	98
31) Carbon tetrachloride	8.073	117	188023	23.942	ug/L	99
33) Benzene	8.323	78	585849	22.885	ug/L	100
34) Trichloroethene	9.091	95	148850	22.782	ug/L	95
35) Methylcyclohexane	9.335	83	257398	22.263	ug/L	96
37) 1,2-Dichloropropane	9.366	63	145413	22.415	ug/L	99
38) Bromodichloromethane	9.646	83	185310	23.037	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	220407	22.216	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	179397	43.814	ug/L	96
42) Toluene	10.390	91	628419	23.553	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	193975	22.228	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	111667	23.134	ug/L	98
46) Tetrachloroethene	10.866	164	116071	23.309	ug/L	98
48) 2-Hexanone	10.969	43	137378	49.262	ug/L	95
49) Dibromochloromethane	11.128	129	120834	23.278	ug/L	96
50) 1,2-Dibromoethane	11.237	107	104100	22.485	ug/L	95
51) Chlorobenzene	11.658	112	379556	22.622	ug/L	97
52) Ethylbenzene	11.731	91	675315	23.249	ug/L	96
53) m,p-Xylene	11.841	106	260151	23.699	ug/L	97
54) o-Xylene	12.164	106	237245	22.871	ug/L	97
55) Styrene	12.182	104	414872	23.082	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	134712	22.662	ug/L	99
59) Bromoform	12.347	173	69045	23.356	ug/L	98
60) Isopropylbenzene	12.463	105	649058	23.319	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	101606	22.395	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	543904	23.338	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	552999	23.549	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	282100	22.148	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	295977	23.517	ug/L	91
67) 1,2-Dichlorobenzene	13.871	146	260833	22.731	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	21552	21.769	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	202331	21.740	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	163625	21.029	ug/L	98
71) Naphthalene	15.365	128	341454	21.727	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	151450	21.734	ug/L	97

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

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