Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081821\
Data File : VW019767.D
Acq On : 18 Aug 2021 11:38
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025513

Quant Time: Aug 19 05:10:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Aug 18 10:46:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	339147	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	313758	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	158170	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	140762	26.788	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.160%			
7) Chloroethane-d5	2.898	69	117120	25.393	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.560%			
11) 1,1-Dichloroethene-d2	4.031	63	228942	25.108	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 100.440%			
21) 2-Butanone-d5	7.080	46	49140	46.039	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.080%			
24) Chloroform-d	7.653	84	230817	24.747	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.000%			
26) 1,2-Dichloroethane-d4	8.311	65	122276	24.327	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.320%			
32) Benzene-d6	8.281	84	453751	25.364	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.440%			
36) 1,2-Dichloropropane-d6	9.274	67	132698	24.494	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.960%			
41) Toluene-d8	10.323	98	419080	25.563	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.240%			
43) trans-1,3-Dichloroprop...	10.579	79	56043	25.041	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.160%			
47) 2-Hexanone-d5	10.927	63	34534	45.758	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.520%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	102000	23.133	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 92.520%			
66) 1,2-Dichlorobenzene-d4	13.853	152	132980	24.510	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	90148	27.123	ug/L	98
3) Chloromethane	2.221	50	114787	27.752	ug/L	98
5) Vinyl chloride	2.373	62	159811	26.053	ug/L	100
6) Bromomethane	2.788	94	109279	24.007	ug/L	98
8) Chloroethane	2.934	64	101617	25.270	ug/L	98
9) Trichlorofluoromethane	3.269	101	100256	25.410	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	119058	25.423	ug/L	98
12) 1,1-Dichloroethene	4.050	96	114649	24.964	ug/L	92
13) Acetone	4.123	43	36624	40.195	ug/L	87
14) Carbon disulfide	4.397	76	377335	25.688	ug/L	99
15) Methyl Acetate	4.672	43	45690	24.090	ug/L	100
16) Methylene chloride	4.922	84	124378	21.368	ug/L	97
17) trans-1,2-Dichloroethene	5.434	96	123129	25.522	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	142386	25.639	ug/L	97
19) 1,1-Dichloroethane	6.226	63	219391	25.654	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	127184	26.045	ug/L	95
22) 2-Butanone	7.171	43	56908	48.198	ug/L	99
23) Bromochloromethane	7.513	128	54843	25.095	ug/L	96
25) Chloroform	7.683	83	224549	25.380	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	144124	24.971	ug/L	99
29) Cyclohexane	7.964	56	201146	27.299	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	182233	25.988	ug/L	99
31) Carbon tetrachloride	8.073	117	168261	25.741	ug/L	99
33) Benzene	8.329	78	506097	26.281	ug/L	100
34) Trichloroethene	9.092	95	126583	25.286	ug/L	93
35) Methylcyclohexane	9.335	83	231283	26.935	ug/L	97
37) 1,2-Dichloropropane	9.372	63	123303	25.854	ug/L	99
38) Bromodichloromethane	9.646	83	157162	25.438	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	185401	26.399	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	129244	50.964	ug/L	99
42) Toluene	10.390	91	542678	26.603	ug/L	96
44) trans-1,3-Dichloropropene	10.610	75	161859	26.183	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	85621	24.798	ug/L	96
46) Tetrachloroethene	10.866	164	97727	25.771	ug/L	96
48) 2-Hexanone	10.969	43	89947	50.951	ug/L	97
49) Dibromochloromethane	11.134	129	99755	25.257	ug/L	96
50) 1,2-Dibromoethane	11.237	107	81486	25.127	ug/L	100
51) Chlorobenzene	11.658	112	327420	25.272	ug/L	98
52) Ethylbenzene	11.731	91	581463	26.476	ug/L	95
53) m,p-Xylene	11.841	106	226379	26.843	ug/L	91
54) o-Xylene	12.164	106	215736	27.042	ug/L	99
55) Styrene	12.182	104	368737	27.050	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	100992	23.852	ug/L	100
59) Bromoform	12.347	173	51905	24.716	ug/L	99
60) Isopropylbenzene	12.463	105	584357	27.266	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	75256	24.267	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	486085	28.417	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	493821	28.481	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	249992	26.163	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	254840	25.947	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	225551	25.994	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	16273	24.071	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	177916	27.024	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	139492	27.573	ug/L	98
71) Naphthalene	15.365	128	274739	27.229	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	130450	27.847	ug/L	95

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

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