Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
Data File : VW020112.D
Acq On : 21 Sep 2021 23:27
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025547

Quant Time: Sep 22 05:12:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 22 05:02:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	333798	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	322975	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	166258	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	150630	22.058	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.240%			
7) Chloroethane-d5	2.898	69	122417	23.796	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.200%			
11) 1,1-Dichloroethene-d2	4.032	63	232929	21.785	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.160%			
21) 2-Butanone-d5	7.080	46	60945	57.835	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 115.680%			
24) Chloroform-d	7.653	84	253210	24.120	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.480%			
26) 1,2-Dichloroethane-d4	8.305	65	143272	25.358	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.440%			
32) Benzene-d6	8.281	84	485928	23.583	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.320%			
36) 1,2-Dichloropropane-d6	9.274	67	144508	24.233	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.920%			
41) Toluene-d8	10.323	98	442917	23.624	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.480%			
43) trans-1,3-Dichloroprop...	10.579	79	63334	24.848	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.400%			
47) 2-Hexanone-d5	10.927	63	50157	60.778	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 121.560%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	124028	26.963	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 107.840%			
66) 1,2-Dichlorobenzene-d4	13.853	152	146911	23.566	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	76124	26.037	ug/L	96
3) Chloromethane	2.221	50	106622	26.374	ug/L	98
5) Vinyl chloride	2.373	62	163329	25.729	ug/L	97
6) Bromomethane	2.788	94	105153	25.623	ug/L	95
8) Chloroethane	2.934	64	101514	26.444	ug/L	99
9) Trichlorofluoromethane	3.269	101	95752	21.439	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	115728	23.702	ug/L	97
12) 1,1-Dichloroethene	4.050	96	107151	24.206	ug/L	90
13) Acetone	4.123	43	47714	52.869	ug/L	99
14) Carbon disulfide	4.391	76	350349	25.167	ug/L	100
15) Methyl Acetate	4.672	43	52147	30.215	ug/L	99
16) Methylene chloride	4.922	84	138316	23.483	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	118525	25.416	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	153136	27.662	ug/L	99
19) 1,1-Dichloroethane	6.220	63	217056	25.235	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	123751	26.093	ug/L	99
22) 2-Butanone	7.171	43	66436	56.741	ug/L	98
23) Bromochloromethane	7.519	128	56890	26.461	ug/L	97
25) Chloroform	7.683	83	230842	25.664	ug/L	95

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	161034	27.205	ug/L	100
29) Cyclohexane	7.958	56	174328	24.257	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	191320	23.906	ug/L	99
31) Carbon tetrachloride	8.073	117	173790	23.866	ug/L	99
33) Benzene	8.330	78	501748	25.741	ug/L	100
34) Trichloroethene	9.098	95	125042	23.964	ug/L	97
35) Methylcyclohexane	9.342	83	206286	24.263	ug/L	99
37) 1,2-Dichloropropane	9.372	63	122188	25.309	ug/L	100
38) Bromodichloromethane	9.646	83	165071	25.249	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	183487	25.768	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	145159	59.699	ug/L	99
42) Toluene	10.390	91	542136	26.179	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	169369	26.480	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	94728	26.759	ug/L	98
46) Tetrachloroethene	10.866	164	93781	23.253	ug/L	95
48) 2-Hexanone	10.969	43	102714	60.642	ug/L	100
49) Dibromochloromethane	11.128	129	108235	26.165	ug/L	97
50) 1,2-Dibromoethane	11.238	107	88037	26.425	ug/L	96
51) Chlorobenzene	11.658	112	331294	24.597	ug/L	99
52) Ethylbenzene	11.731	91	580284	25.441	ug/L	99
53) m,p-Xylene	11.841	106	227254	26.134	ug/L	100
54) o-Xylene	12.164	106	216128	26.869	ug/L	99
55) Styrene	12.182	104	381402	27.287	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	116404	27.530	ug/L	97
59) Bromoform	12.347	173	61988	27.346	ug/L	99
60) Isopropylbenzene	12.463	105	568145	25.486	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	88055	28.049	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	482271	26.361	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	477396	26.564	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	254032	24.848	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	256701	24.297	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	236076	25.355	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	19545	27.734	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	168761	23.866	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	131087	24.021	ug/L	96
71) Naphthalene	15.365	128	276901	28.770	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	123406	25.114	ug/L	99

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

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