Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091721\
Data File : VW020057.D
Acq On : 17 Sep 2021 14:37
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025541

Quant Time: Sep 18 01:01:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Sep 18 00:59:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	279915	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	261133	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	141889	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	110703	24.012	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.040%			
7) Chloroethane-d5	2.897	69	92344	23.271	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.080%			
11) 1,1-Dichloroethene-d2	4.025	63	184590	24.495	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 97.960%			
21) 2-Butanone-d5	7.074	46	65874	52.230	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.460%			
24) Chloroform-d	7.653	84	185631	24.068	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.280%			
26) 1,2-Dichloroethane-d4	8.311	65	109256	24.046	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.200%			
32) Benzene-d6	8.275	84	352331	24.729	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.920%			
36) 1,2-Dichloropropane-d6	9.274	67	102467	24.247	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.000%			
41) Toluene-d8	10.323	98	321832	24.098	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.400%			
43) trans-1,3-Dichloroprop...	10.579	79	47718	24.547	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.200%			
47) 2-Hexanone-d5	10.927	63	49445	57.273	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 114.540%			
56) 1,1,2,2-Tetrachloroeth...	12.694	84	108604	26.123	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.480%			
66) 1,2-Dichlorobenzene-d4	13.853	152	109953	22.739	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.960%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	82703	28.495	ug/L	94
3) Chloromethane	2.221	50	95922	24.542	ug/L	99
5) Vinyl chloride	2.373	62	157001	25.676	ug/L	97
6) Bromomethane	2.788	94	103240	24.092	ug/L	96
8) Chloroethane	2.934	64	96768	25.944	ug/L	98
9) Trichlorofluoromethane	3.269	101	98909	27.727	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	106588	26.560	ug/L	97
12) 1,1-Dichloroethene	4.050	96	99464	26.183	ug/L	94
13) Acetone	4.129	43	64502	53.851	ug/L	93
14) Carbon disulfide	4.391	76	334326	26.952	ug/L	100
15) Methyl Acetate	4.672	43	58667	28.084	ug/L	99
16) Methylene chloride	4.921	84	116027	23.524	ug/L	97
17) trans-1,2-Dichloroethene	5.427	96	102695	25.660	ug/L	94
18) Methyl tert-butyl Ether	5.434	73	124791	24.967	ug/L	99
19) 1,1-Dichloroethane	6.220	63	184375	25.755	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	106759	25.834	ug/L	95
22) 2-Butanone	7.171	43	81509	54.300	ug/L	99
23) Bromochloromethane	7.519	128	49776	26.014	ug/L	96
25) Chloroform	7.677	83	194189	25.823	ug/L	98

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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	138905	26.400	ug/L	98
29) Cyclohexane	7.958	56	158383	26.940	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	167115	27.305	ug/L	99
31) Carbon tetrachloride	8.073	117	157471	27.580	ug/L	99
33) Benzene	8.329	78	424338	26.994	ug/L	100
34) Trichloroethene	9.091	95	108582	26.087	ug/L	92
35) Methylcyclohexane	9.335	83	191169	27.237	ug/L	98
37) 1,2-Dichloropropane	9.372	63	102375	26.903	ug/L	100
38) Bromodichloromethane	9.646	83	139383	27.154	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	156023	27.164	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	158651	58.447	ug/L	99
42) Toluene	10.390	91	453886	27.066	ug/L	96
44) trans-1,3-Dichloropropene	10.609	75	147113	27.050	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	81809	26.880	ug/L	97
46) Tetrachloroethene	10.859	164	86047	26.718	ug/L	98
48) 2-Hexanone	10.969	43	119076	61.198	ug/L	98
49) Dibromochloromethane	11.128	129	95248	27.234	ug/L	93
50) 1,2-Dibromoethane	11.237	107	81322	27.167	ug/L	99
51) Chlorobenzene	11.658	112	280683	25.816	ug/L	98
52) Ethylbenzene	11.731	91	492458	26.887	ug/L	98
53) m,p-Xylene	11.841	106	190267	27.304	ug/L	99
54) o-Xylene	12.164	106	173169	26.333	ug/L	91
55) Styrene	12.182	104	315945	27.942	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	111465	27.945	ug/L	99
59) Bromoform	12.347	173	56295	26.216	ug/L	99
60) Isopropylbenzene	12.463	105	477222	25.358	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	86377	26.033	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	395392	25.825	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	391143	26.018	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	210095	24.277	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	216134	24.505	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	199042	25.238	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	22609	28.244	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	142927	23.878	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	109945	23.456	ug/L	99
71) Naphthalene	15.365	128	268779	26.834	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	109849	24.967	ug/L	96

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

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