Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091521\
Data File : VW020033.D
Acq On : 15 Sep 2021 14:42
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025537

Quant Time: Sep 16 00:50:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 16 00:47:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	308661	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	291923	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	145531	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	153715	30.236	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 120.960%			
7) Chloroethane-d5	2.898	69	131576	30.069	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 120.280%			
11) 1,1-Dichloroethene-d2	4.026	63	236548	28.466	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 113.880%#			
21) 2-Butanone-d5	7.086	46	51368	36.935	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.880%			
24) Chloroform-d	7.653	84	239247	28.131	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 112.520%			
26) 1,2-Dichloroethane-d4	8.305	65	132430	26.432	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.720%			
32) Benzene-d6	8.275	84	463907	29.127	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 116.520%			
36) 1,2-Dichloropropane-d6	9.275	67	134333	28.435	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 113.720%			
41) Toluene-d8	10.323	98	435553	29.174	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 116.680%			
43) trans-1,3-Dichloroprop...	10.579	79	62437	28.732	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 114.920%			
47) 2-Hexanone-d5	10.927	63	42041	43.560	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.120%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	115350	24.819	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.280%			
66) 1,2-Dichlorobenzene-d4	13.853	152	146374	29.513	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 118.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	96209	30.061	ug/L	95
3) Chloromethane	2.221	50	111054	25.767	ug/L	99
5) Vinyl chloride	2.367	62	185310	27.483	ug/L	96
6) Bromomethane	2.788	94	125766	26.615	ug/L	100
8) Chloroethane	2.934	64	117132	28.479	ug/L	99
9) Trichlorofluoromethane	3.263	101	111079	28.239	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	123548	27.919	ug/L	97
12) 1,1-Dichloroethene	4.044	96	116524	27.818	ug/L	88
13) Acetone	4.141	43	46740	35.388	ug/L	95
14) Carbon disulfide	4.391	76	380568	27.822	ug/L	99
15) Methyl Acetate	4.684	43	43859	19.040	ug/L	100
16) Methylene chloride	4.922	84	125388	23.054	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	121261	27.477	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	143322	26.004	ug/L	99
19) 1,1-Dichloroethane	6.220	63	212220	26.883	ug/L	99
20) cis-1,2-Dichloroethene	7.177	96	123146	27.024	ug/L	97
22) 2-Butanone	7.177	43	60758	36.707	ug/L	100
23) Bromochloromethane	7.513	128	54560	25.858	ug/L	95
25) Chloroform	7.677	83	223132	26.908	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Thu Sep 16 00:47:26 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	148977	25.678	ug/L	98
29) Cyclohexane	7.958	56	191405	29.123	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	190843	27.893	ug/L	99
31) Carbon tetrachloride	8.067	117	177765	27.850	ug/L	99
33) Benzene	8.324	78	491944	27.994	ug/L	100
34) Trichloroethene	9.092	95	127721	27.449	ug/L	94
35) Methylcyclohexane	9.336	83	224924	28.666	ug/L	99
37) 1,2-Dichloropropane	9.372	63	119187	28.018	ug/L	100
38) Bromodichloromethane	9.646	83	158389	27.602	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	183351	28.555	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	132012	43.504	ug/L	99
42) Toluene	10.390	91	547795	29.220	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	170184	27.991	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	88049	25.878	ug/L	96
46) Tetrachloroethene	10.866	164	101785	28.271	ug/L	96
48) 2-Hexanone	10.969	43	94655	43.516	ug/L	98
49) Dibromochloromethane	11.128	129	103994	26.599	ug/L	92
50) 1,2-Dibromoethane	11.238	107	83657	25.000	ug/L	97
51) Chlorobenzene	11.658	112	337191	27.743	ug/L	99
52) Ethylbenzene	11.731	91	604867	29.541	ug/L	98
53) m,p-Xylene	11.841	106	232642	29.864	ug/L	97
54) o-Xylene	12.164	106	217631	29.603	ug/L	91
55) Styrene	12.183	104	381968	30.218	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	109198	24.489	ug/L	99
59) Bromoform	12.347	173	59147	26.855	ug/L	98
60) Isopropylbenzene	12.463	105	599416	31.053	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	80581	23.679	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	497561	31.685	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	488771	31.699	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	255553	28.791	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	265259	29.322	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	234463	28.985	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	17117	20.848	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	174372	28.402	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	138549	28.819	ug/L	99
71) Naphthalene	15.365	128	262872	25.587	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	122210	27.082	ug/L	98

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

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