Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081221\
Data File : VW019728.D
Acq On : 12 Aug 2021 15:52
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025508

Quant Time: Aug 13 02:04:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081121SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 13 02:01:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	289567	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	271524	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	142069	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	92204	27.268	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.080%			
7) Chloroethane-d5	2.892	69	98895	29.590	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 118.360%			
11) 1,1-Dichloroethene-d2	4.032	63	166832	23.979	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.920%			
21) 2-Butanone-d5	7.086	46	62077	56.214	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.420%			
24) Chloroform-d	7.653	84	208610	23.829	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.320%			
26) 1,2-Dichloroethane-d4	8.305	65	118011	23.157	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.640%			
32) Benzene-d6	8.275	84	393909	21.911	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 87.640%			
36) 1,2-Dichloropropane-d6	9.275	67	122385	22.629	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 90.520%			
41) Toluene-d8	10.323	98	360687	21.994	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.960%			
43) trans-1,3-Dichloroprop...	10.579	79	53581	23.994	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.960%			
47) 2-Hexanone-d5	10.927	63	51335	54.105	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.220%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	113412	24.167	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.680%			
66) 1,2-Dichlorobenzene-d4	13.853	152	128127	24.453	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	62710	19.781	ug/L	91
3) Chloromethane	2.221	50	94412	29.433	ug/L	99
5) Vinyl chloride	2.373	62	116918	27.054	ug/L	98
6) Bromomethane	2.788	94	91788	27.113	ug/L	97
8) Chloroethane	2.934	64	85596	29.455	ug/L	95
9) Trichlorofluoromethane	3.270	101	69435	25.954	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	90724	25.446	ug/L	95
12) 1,1-Dichloroethene	4.050	96	86426	24.908	ug/L	98
13) Acetone	4.135	43	39699	43.736	ug/L	89
14) Carbon disulfide	4.391	76	226894	22.967	ug/L	99
15) Methyl Acetate	4.678	43	44014	25.928	ug/L	98
16) Methylene chloride	4.922	84	104937	21.685	ug/L	100
17) trans-1,2-Dichloroethene	5.434	96	93861	24.746	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	124219	22.540	ug/L #	90
19) 1,1-Dichloroethane	6.220	63	178627	22.409	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	105339	24.507	ug/L	100
22) 2-Butanone	7.177	43	57820	47.620	ug/L	99
23) Bromochloromethane	7.519	128	48894	24.583	ug/L	93
25) Chloroform	7.677	83	188404	23.076	ug/L	97

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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	128146	22.471	ug/L		98
29) Cyclohexane	7.958	56	143894	21.386	ug/L		97
30) 1,1,1-Trichloroethane	7.878	97	146668	21.098	ug/L		98
31) Carbon tetrachloride	8.074	117	134084	20.899	ug/L		99
33) Benzene	8.324	78	404371	21.490	ug/L		100
34) Trichloroethene	9.092	95	101442	21.744	ug/L		96
35) Methylcyclohexane	9.336	83	171572	22.224	ug/L		99
37) 1,2-Dichloropropane	9.372	63	103324	21.971	ug/L		98
38) Bromodichloromethane	9.646	83	135932	22.820	ug/L		95
39) cis-1,3-Dichloropropene	10.073	75	162002	22.578	ug/L		99
40) 4-Methyl-2-pentanone	10.213	43	129702	44.879	ug/L		97
42) Toluene	10.390	91	439175	22.231	ug/L		100
44) trans-1,3-Dichloropropene	10.610	75	145379	23.138	ug/L		100
45) 1,1,2-Trichloroethane	10.786	97	81972	23.568	ug/L		98
46) Tetrachloroethene	10.866	164	78304	22.323	ug/L		98
48) 2-Hexanone	10.969	43	91393	45.967	ug/L		96
49) Dibromochloromethane	11.128	129	91554	23.757	ug/L		93
50) 1,2-Dibromoethane	11.238	107	75978	22.955	ug/L	#	98
51) Chlorobenzene	11.658	112	276840	22.917	ug/L		98
52) Ethylbenzene	11.731	91	474231	22.904	ug/L		98
53) m,p-Xylene	11.841	106	184280	23.378	ug/L		99
54) o-Xylene	12.164	106	174324	22.916	ug/L		98
55) Styrene	12.183	104	305239	23.366	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.713	83	101368	22.905	ug/L		98
59) Bromoform	12.347	173	50440	23.358	ug/L		98
60) Isopropylbenzene	12.463	105	466343	24.004	ug/L		100
61) 1,2,3-Trichloropropane	12.768	75	75396	23.466	ug/L		97
62) 1,3,5-Trimethylbenzene	12.945	105	396580	24.512	ug/L		100
63) 1,2,4-Trimethylbenzene	13.249	105	400847	23.750	ug/L		99
64) 1,3-Dichlorobenzene	13.499	146	214665	22.817	ug/L		91
65) 1,4-Dichlorobenzene	13.579	146	215565	22.728	ug/L		97
67) 1,2-Dichlorobenzene	13.871	146	194642	23.569	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.481	75	16016	25.546	ug/L		93
69) 1,3,5-Trichlorobenzene	14.627	180	152894	25.440	ug/L		99
70) 1,2,4-trichlorobenzene	15.133	180	121560	24.021	ug/L		95
71) Naphthalene	15.365	128	265397	26.981	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	112482	25.129	ug/L		97

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

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