Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091521\
Data File : VW020026.D
Acq On : 15 Sep 2021 09:00
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025536

Quant Time: Sep 16 00:44:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 15 03:16:46 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	320395	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	299792	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	164355	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	142187	26.944	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.760%			
7) Chloroethane-d5	2.898	69	116977	25.754	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.000%			
11) 1,1-Dichloroethene-d2	4.032	63	214526	24.871	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 99.480%			
21) 2-Butanone-d5	7.080	46	47126	32.644	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 65.280%			
24) Chloroform-d	7.653	84	217740	24.664	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.640%			
26) 1,2-Dichloroethane-d4	8.311	65	122156	23.489	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.960%			
32) Benzene-d6	8.281	84	420101	25.684	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.720%			
36) 1,2-Dichloropropane-d6	9.275	67	120079	24.751	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.000%			
41) Toluene-d8	10.323	98	403145	26.294	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.160%			
43) trans-1,3-Dichloroprop...	10.579	79	56465	25.301	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.200%			
47) 2-Hexanone-d5	10.927	63	37932	38.271	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 76.540%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	106128	22.236	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.960%			
66) 1,2-Dichlorobenzene-d4	13.853	152	132557	23.666	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	83796	25.224	ug/L	93
3) Chloromethane	2.221	50	108027	24.147	ug/L	96
5) Vinyl chloride	2.373	62	185043	26.438	ug/L	98
6) Bromomethane	2.788	94	123378	25.153	ug/L	100
8) Chloroethane	2.934	64	111705	26.164	ug/L	98
9) Trichlorofluoromethane	3.270	101	107585	26.349	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	120373	26.205	ug/L	96
12) 1,1-Dichloroethene	4.044	96	112831	25.949	ug/L	94
13) Acetone	4.123	43	45713	33.343	ug/L	94
14) Carbon disulfide	4.391	76	376606	26.524	ug/L	100
15) Methyl Acetate	4.672	43	44954	18.801	ug/L	99
16) Methylene chloride	4.922	84	116637	20.660	ug/L	99
17) trans-1,2-Dichloroethene	5.434	96	116877	25.514	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	138517	24.212	ug/L	99
19) 1,1-Dichloroethane	6.220	63	208136	25.400	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	119182	25.197	ug/L	98
22) 2-Butanone	7.171	43	60932	35.464	ug/L	98
23) Bromochloromethane	7.519	128	55845	25.498	ug/L	96
25) Chloroform	7.677	83	217689	25.291	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	148420	24.645	ug/L	100
29) Cyclohexane	7.964	56	185322	27.457	ug/L	99
30) 1,1,1-Trichloroethane	7.879	97	186614	26.559	ug/L	99
31) Carbon tetrachloride	8.074	117	179659	27.408	ug/L	100
33) Benzene	8.324	78	482721	26.748	ug/L	100
34) Trichloroethene	9.098	95	125126	26.186	ug/L	93
35) Methylcyclohexane	9.336	83	223245	27.706	ug/L	99
37) 1,2-Dichloropropane	9.372	63	117313	26.853	ug/L	99
38) Bromodichloromethane	9.646	83	156709	26.592	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	178697	27.099	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	130298	41.812	ug/L	99
42) Toluene	10.390	91	536401	27.862	ug/L	96
44) trans-1,3-Dichloropropene	10.610	75	165769	26.550	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	88697	25.385	ug/L	96
46) Tetrachloroethene	10.860	164	98699	26.695	ug/L	98
48) 2-Hexanone	10.969	43	96981	43.415	ug/L	98
49) Dibromochloromethane	11.128	129	105160	26.191	ug/L	94
50) 1,2-Dibromoethane	11.238	107	83772	24.377	ug/L	96
51) Chlorobenzene	11.658	112	330828	26.505	ug/L	98
52) Ethylbenzene	11.731	91	582666	27.710	ug/L	97
53) m,p-Xylene	11.841	106	227864	28.483	ug/L	94
54) o-Xylene	12.164	106	212984	28.211	ug/L	100
55) Styrene	12.183	104	378111	29.128	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	110262	24.079	ug/L	100
59) Bromoform	12.353	173	59715	24.007	ug/L	99
60) Isopropylbenzene	12.463	105	570865	26.187	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	80786	21.020	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	481830	27.169	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	487824	28.014	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	253547	25.293	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	261592	25.605	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	231607	25.353	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	18545	20.001	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	173050	24.959	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	142662	26.276	ug/L	99
71) Naphthalene	15.365	128	282925	24.385	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	130897	25.685	ug/L	97

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

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