Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092821\
Data File : VW020209.D
Acq On : 28 Sep 2021 09:07
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025557

Quant Time: Sep 29 00:55:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Sep 28 05:21:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	303721	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	280531	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	156478	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	128330	20.653	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.600%			
7) Chloroethane-d5	2.898	69	108884	23.262	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.040%			
11) 1,1-Dichloroethene-d2	4.026	63	215140	22.114	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 88.440%			
21) 2-Butanone-d5	7.080	46	45495	47.449	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.900%			
24) Chloroform-d	7.653	84	237093	24.822	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.280%			
26) 1,2-Dichloroethane-d4	8.311	65	129065	25.106	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.440%			
32) Benzene-d6	8.275	84	456039	25.481	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.920%			
36) 1,2-Dichloropropane-d6	9.275	67	129085	24.922	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.680%			
41) Toluene-d8	10.323	98	432855	26.581	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 106.320%			
43) trans-1,3-Dichloroprop...	10.579	79	58574	26.458	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 105.840%			
47) 2-Hexanone-d5	10.927	63	37232	51.942	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.880%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	106632	26.689	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.760%			
66) 1,2-Dichlorobenzene-d4	13.853	152	140958	24.024	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	64512	24.251	ug/L	92
3) Chloromethane	2.221	50	84116	22.867	ug/L	99
5) Vinyl chloride	2.373	62	146781	25.411	ug/L	95
6) Bromomethane	2.788	94	95212	25.498	ug/L	97
8) Chloroethane	2.934	64	90457	25.897	ug/L	100
9) Trichlorofluoromethane	3.270	101	108505	26.700	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	108033	24.317	ug/L	99
12) 1,1-Dichloroethene	4.050	96	96425	23.940	ug/L	87
13) Acetone	4.123	43	41507	50.545	ug/L	98
14) Carbon disulfide	4.391	76	305400	24.110	ug/L	99
15) Methyl Acetate	4.672	43	36302	23.117	ug/L	100
16) Methylene chloride	4.922	84	108836	20.308	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	100273	23.631	ug/L	95
18) Methyl tert-butyl Ether	5.434	73	116683	23.164	ug/L	100
19) 1,1-Dichloroethane	6.220	63	187905	24.009	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	104174	24.140	ug/L	95
22) 2-Butanone	7.171	43	48967	45.962	ug/L	98
23) Bromochloromethane	7.513	128	47570	24.317	ug/L	93
25) Chloroform	7.683	83	198253	24.224	ug/L	100

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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	130159	24.167	ug/L	100
29) Cyclohexane	7.958	56	154737	24.789	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	171341	24.648	ug/L	99
31) Carbon tetrachloride	8.074	117	158297	25.028	ug/L	99
33) Benzene	8.324	78	424928	25.099	ug/L	100
34) Trichloroethene	9.098	95	108763	23.998	ug/L	96
35) Methylcyclohexane	9.336	83	189083	25.605	ug/L	99
37) 1,2-Dichloropropane	9.372	63	103003	24.563	ug/L	98
38) Bromodichloromethane	9.646	83	140171	24.684	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	151098	24.430	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	103990	49.238	ug/L	98
42) Toluene	10.390	91	473345	26.316	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	139151	25.047	ug/L	98
45) 1,1,2-Trichloroethane	10.787	97	74414	24.201	ug/L	94
46) Tetrachloroethene	10.866	164	86200	24.607	ug/L	99
48) 2-Hexanone	10.969	43	78373	53.272	ug/L	99
49) Dibromochloromethane	11.128	129	89180	24.821	ug/L	95
50) 1,2-Dibromoethane	11.238	107	69472	24.008	ug/L	94
51) Chlorobenzene	11.658	112	287066	24.538	ug/L	100
52) Ethylbenzene	11.731	91	507885	25.636	ug/L	99
53) m,p-Xylene	11.835	106	192652	25.507	ug/L	97
54) o-Xylene	12.170	106	183097	26.206	ug/L	94
55) Styrene	12.183	104	323293	26.629	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	88261	24.032	ug/L	94
59) Bromoform	12.347	173	47636	22.328	ug/L	99
60) Isopropylbenzene	12.463	105	508144	24.219	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	65319	22.107	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	418592	24.310	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	417894	24.706	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	224203	23.301	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	224836	22.611	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	196130	22.381	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.481	75	14642	22.076	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	156584	23.528	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	119875	23.340	ug/L	97
71) Naphthalene	15.365	128	209728	23.153	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	110223	23.833	ug/L	99

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

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