Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
Data File : VW020088.D
Acq On : 21 Sep 2021 12:26
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025546

Quant Time: Sep 22 04:53:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 22 04:35:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	382744	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	359142	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	190425	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	168105	21.469	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.880%			
7) Chloroethane-d5	2.898	69	131456	22.286	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.160%			
11) 1,1-Dichloroethene-d2	4.032	63	273657	22.322	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 89.280%			
21) 2-Butanone-d5	7.086	46	58769	48.638	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.280%			
24) Chloroform-d	7.653	84	286143	23.772	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.080%			
26) 1,2-Dichloroethane-d4	8.311	65	156408	24.143	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.560%			
32) Benzene-d6	8.281	84	557407	24.327	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.320%			
36) 1,2-Dichloropropane-d6	9.281	67	159546	24.060	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.240%			
41) Toluene-d8	10.323	98	513123	24.613	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.440%			
43) trans-1,3-Dichloroprop...	10.579	79	71597	25.262	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.040%			
47) 2-Hexanone-d5	10.927	63	47488	51.749	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.500%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	126447	24.721	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.880%			
66) 1,2-Dichlorobenzene-d4	13.853	152	167246	23.423	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	89751	26.772	ug/L	93
3) Chloromethane	2.221	50	108292	23.361	ug/L	98
5) Vinyl chloride	2.373	62	175096	24.055	ug/L	98
6) Bromomethane	2.788	94	114327	24.296	ug/L	98
8) Chloroethane	2.934	64	106880	24.281	ug/L	97
9) Trichlorofluoromethane	3.269	101	111321	21.737	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	128342	22.924	ug/L	96
12) 1,1-Dichloroethene	4.050	96	122057	24.047	ug/L	92
13) Acetone	4.135	43	41435	40.040	ug/L	99
14) Carbon disulfide	4.397	76	392435	24.585	ug/L	99
15) Methyl Acetate	4.678	43	49540	25.034	ug/L	100
16) Methylene chloride	4.928	84	139799	20.700	ug/L	99
17) trans-1,2-Dichloroethene	5.434	96	132403	24.761	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	165820	26.123	ug/L	100
19) 1,1-Dichloroethane	6.226	63	241387	24.475	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	137228	25.234	ug/L	98
22) 2-Butanone	7.177	43	61961	46.151	ug/L	100
23) Bromochloromethane	7.519	128	62792	25.472	ug/L	97
25) Chloroform	7.683	83	251591	24.394	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	172633	25.435	ug/L	100
29) Cyclohexane	7.964	56	198181	24.799	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	210500	23.653	ug/L	99
31) Carbon tetrachloride	8.073	117	194032	23.963	ug/L	99
33) Benzene	8.330	78	548075	25.287	ug/L	100
34) Trichloroethene	9.098	95	139771	24.089	ug/L	98
35) Methylcyclohexane	9.342	83	229700	24.297	ug/L	98
37) 1,2-Dichloropropane	9.372	63	134907	25.129	ug/L	99
38) Bromodichloromethane	9.646	83	181584	24.977	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	206744	26.110	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	140590	51.997	ug/L	99
42) Toluene	10.390	91	599819	26.048	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	185336	26.058	ug/L	99
45) 1,1,2-Trichloroethane	10.793	97	98744	25.084	ug/L	98
46) Tetrachloroethene	10.866	164	103997	23.189	ug/L	91
48) 2-Hexanone	10.969	43	99538	52.849	ug/L	99
49) Dibromochloromethane	11.128	129	114625	24.920	ug/L	96
50) 1,2-Dibromoethane	11.238	107	93065	25.121	ug/L	96
51) Chlorobenzene	11.658	112	366525	24.473	ug/L	96
52) Ethylbenzene	11.731	91	643116	25.356	ug/L	98
53) m,p-Xylene	11.841	106	246513	25.494	ug/L	98
54) o-Xylene	12.170	106	237565	26.560	ug/L	93
55) Styrene	12.182	104	406333	26.143	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	116920	24.867	ug/L	98
59) Bromoform	12.353	173	63080	24.296	ug/L	97
60) Isopropylbenzene	12.463	105	631697	24.741	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	86490	24.054	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	524004	25.007	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	520049	25.265	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	274500	23.443	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	280586	23.187	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	251687	23.601	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	18847	23.350	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	188675	23.296	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	146453	23.431	ug/L	94
71) Naphthalene	15.365	128	285651	25.913	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	132842	23.604	ug/L	97

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

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