Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082721\
Data File : VW019928.D
Acq On : 27 Aug 2021 14:26
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025528

Quant Time: Aug 28 00:43:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Aug 28 00:41:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	386997	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	352968	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	175020	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	127450	21.256	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.040%			
7) Chloroethane-d5	2.898	69	116757	22.185	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.720%			
11) 1,1-Dichloroethene-d2	4.025	63	216667	20.824	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 83.280%			
21) 2-Butanone-d5	7.086	46	56925	46.739	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.480%			
24) Chloroform-d	7.653	84	252348	23.710	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.840%			
26) 1,2-Dichloroethane-d4	8.305	65	130363	22.729	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.920%			
32) Benzene-d6	8.275	84	486260	24.162	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.640%			
36) 1,2-Dichloropropane-d6	9.274	67	146349	24.013	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.040%			
41) Toluene-d8	10.323	98	443746	24.060	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.240%			
43) trans-1,3-Dichloroprop...	10.579	79	62299	24.744	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.960%			
47) 2-Hexanone-d5	10.927	63	42783	50.391	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.780%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	121892	24.573	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.280%			
66) 1,2-Dichlorobenzene-d4	13.853	152	152307	25.369	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	84186	22.198	ug/L	99
3) Chloromethane	2.221	50	84992	18.008	ug/L	99
5) Vinyl chloride	2.373	62	142574	20.369	ug/L	98
6) Bromomethane	2.788	94	103830	19.990	ug/L	96
8) Chloroethane	2.928	64	92618	20.184	ug/L	97
9) Trichlorofluoromethane	3.269	101	82278	18.275	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	111547	20.874	ug/L	96
12) 1,1-Dichloroethene	4.050	96	109430	20.882	ug/L	94
13) Acetone	4.135	43	40665	39.112	ug/L	87
14) Carbon disulfide	4.391	76	316844	18.903	ug/L	98
15) Methyl Acetate	4.672	43	40691	18.801	ug/L	99
16) Methylene chloride	4.915	84	120781	18.184	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	114006	20.709	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	141047	22.258	ug/L	96
19) 1,1-Dichloroethane	6.214	63	199411	20.435	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	120698	21.661	ug/L	97
22) 2-Butanone	7.177	43	55958	41.533	ug/L	99
23) Bromochloromethane	7.519	128	53344	21.391	ug/L	89
25) Chloroform	7.677	83	207276	20.531	ug/L	98

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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	130061	19.748	ug/L	96
29) Cyclohexane	7.958	56	180565	21.784	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	171779	21.776	ug/L	99
31) Carbon tetrachloride	8.073	117	163001	22.166	ug/L	99
33) Benzene	8.323	78	470640	21.725	ug/L	100
34) Trichloroethene	9.092	95	122062	21.674	ug/L	95
35) Methylcyclohexane	9.335	83	209500	21.688	ug/L	100
37) 1,2-Dichloropropane	9.372	63	113550	21.164	ug/L	99
38) Bromodichloromethane	9.646	83	146207	21.036	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	176809	22.379	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	119699	41.957	ug/L	95
42) Toluene	10.390	91	505367	22.022	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	153883	22.128	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	84201	21.678	ug/L	97
46) Tetrachloroethene	10.866	164	94411	22.131	ug/L	96
48) 2-Hexanone	10.969	43	88852	44.740	ug/L	95
49) Dibromochloromethane	11.128	129	94271	21.217	ug/L	83
50) 1,2-Dibromoethane	11.237	107	77745	21.310	ug/L	95
51) Chlorobenzene	11.658	112	316175	21.693	ug/L	97
52) Ethylbenzene	11.731	91	544980	22.059	ug/L	99
53) m,p-Xylene	11.841	106	213281	22.480	ug/L	99
54) o-Xylene	12.164	106	197679	22.026	ug/L	92
55) Styrene	12.182	104	344112	22.440	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	97494	20.468	ug/L	97
59) Bromoform	12.347	173	50202	21.604	ug/L	97
60) Isopropylbenzene	12.463	105	548552	23.131	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	70683	20.598	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	449426	23.744	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	452341	23.577	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	232453	21.986	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	239362	22.025	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	214352	22.325	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	14557	19.460	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	172465	23.674	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	134606	24.046	ug/L	98
71) Naphthalene	15.365	128	264463	23.688	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	118191	22.801	ug/L	99

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

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