Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081221\
Data File : VW019714.D
Acq On : 12 Aug 2021 08:40
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025507

Quant Time: Aug 13 01:55:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081121SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Aug 11 18:27:06 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	305716	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	282765	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	144760	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	88618	24.823	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.280%			
7) Chloroethane-d5	2.897	69	104234	29.540	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 118.160%			
11) 1,1-Dichloroethene-d2	4.025	63	187791	25.565	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 102.280%			
21) 2-Butanone-d5	7.080	46	63747	54.677	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.360%			
24) Chloroform-d	7.653	84	229880	24.872	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.480%			
26) 1,2-Dichloroethane-d4	8.305	65	128957	23.968	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.880%			
32) Benzene-d6	8.274	84	440415	23.524	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.080%			
36) 1,2-Dichloropropane-d6	9.274	67	136968	24.318	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.280%			
41) Toluene-d8	10.323	98	402664	23.578	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.320%			
43) trans-1,3-Dichloroprop...	10.579	79	57525	24.736	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.960%			
47) 2-Hexanone-d5	10.926	63	52465	53.098	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.200%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	117263	23.994	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.960%			
66) 1,2-Dichlorobenzene-d4	13.853	152	135071	25.299	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	69164	20.664	ug/L	95
3) Chloromethane	2.221	50	94200	27.816	ug/L	98
5) Vinyl chloride	2.373	62	103664	22.720	ug/L	98
6) Bromomethane	2.788	94	82844	23.178	ug/L	98
8) Chloroethane	2.934	64	81468	26.554	ug/L	99
9) Trichlorofluoromethane	3.269	101	84790	30.019	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	94374	25.072	ug/L	96
12) 1,1-Dichloroethene	4.050	96	89983	24.563	ug/L	97
13) Acetone	4.123	43	39542	41.262	ug/L	48
14) Carbon disulfide	4.391	76	236178	22.644	ug/L	100
15) Methyl Acetate	4.678	43	43231	24.121	ug/L	98
16) Methylene chloride	4.915	84	102126	19.990	ug/L	98
17) trans-1,2-Dichloroethene	5.427	96	98314	24.551	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	133959	23.024	ug/L	97
19) 1,1-Dichloroethane	6.220	63	182561	21.693	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	109061	24.032	ug/L	99
22) 2-Butanone	7.171	43	56390	43.989	ug/L	100
23) Bromochloromethane	7.518	128	49945	23.785	ug/L	94
25) Chloroform	7.677	83	191522	22.218	ug/L	97

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Quant Title : SFAM01.0
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	128352	21.318	ug/L	97
29) Cyclohexane	7.957	56	149528	21.340	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	150102	20.733	ug/L	99
31) Carbon tetrachloride	8.073	117	137052	20.512	ug/L	99
33) Benzene	8.323	78	412833	21.067	ug/L	100
34) Trichloroethene	9.091	95	105278	21.669	ug/L	94
35) Methylcyclohexane	9.335	83	178437	22.194	ug/L	99
37) 1,2-Dichloropropane	9.372	63	105152	21.471	ug/L	99
38) Bromodichloromethane	9.646	83	137158	22.111	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	163397	21.867	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	123320	40.974	ug/L	98
42) Toluene	10.390	91	447544	21.754	ug/L	99
44) trans-1,3-Dichloropropene	10.609	75	145964	22.308	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	80436	22.207	ug/L	97
46) Tetrachloroethene	10.865	164	80374	22.002	ug/L	95
48) 2-Hexanone	10.969	43	89250	43.105	ug/L	97
49) Dibromochloromethane	11.134	129	91262	22.740	ug/L	97
50) 1,2-Dibromoethane	11.237	107	74348	21.570	ug/L	97
51) Chlorobenzene	11.658	112	280227	22.275	ug/L	99
52) Ethylbenzene	11.731	91	483635	22.430	ug/L	98
53) m,p-Xylene	11.841	106	181747	22.140	ug/L	99
54) o-Xylene	12.164	106	175519	22.156	ug/L	93
55) Styrene	12.182	104	305580	22.462	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	96900	21.025	ug/L	98
59) Bromoform	12.353	173	47911	21.774	ug/L	95
60) Isopropylbenzene	12.463	105	481627	24.330	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	70918	21.662	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	399513	24.234	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	401769	23.362	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	205264	21.412	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	217996	22.557	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	194393	23.101	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	15765	24.678	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	149037	24.337	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	124958	24.233	ug/L	97
71) Naphthalene	15.365	128	252548	25.198	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	110271	24.177	ug/L	98

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

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