

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
 Data File : VW020615.D
 Acq On : 19 Oct 2021 17:31
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025041

Quant Time: Oct 20 01:40:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 20 01:35:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	182237	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	169957	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	91039	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	53969	20.352	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	81.400%		
7) Chloroethane-d5	2.879	69	28140	20.090	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.360%		
11) 1,1-Dichloroethene-d2	4.019	63	122415	22.529	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	90.120%		
21) 2-Butanone-d5	7.080	46	38057	47.158	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	94.320%		
24) Chloroform-d	7.653	84	144736	24.916	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	99.680%		
26) 1,2-Dichloroethane-d4	8.305	65	78059	23.528	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	94.120%		
32) Benzene-d6	8.275	84	264820	23.688	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	94.760%		
36) 1,2-Dichloropropane-d6	9.275	67	85818	23.553	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.200%		
41) Toluene-d8	10.323	98	238098	23.737	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	94.960%		
43) trans-1,3-Dichloroprop...	10.579	79	34685	23.426	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	93.720%		
47) 2-Hexanone-d5	10.927	63	27597	49.236	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.480%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	64950	23.583	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	94.320%		
66) 1,2-Dichlorobenzene-d4	13.853	152	79948	22.449	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	89.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.008	85	23518	19.971	ug/L	99
3) Chloromethane	2.209	50	63748	26.035	ug/L	97
5) Vinyl chloride	2.355	62	83199	24.158	ug/L	98
6) Bromomethane	2.770	94	32188	21.519	ug/L	96
8) Chloroethane	2.916	64	27916	21.952	ug/L	95
9) Trichlorofluoromethane	3.251	101	45208	23.071	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	71530	25.596	ug/L	99
12) 1,1-Dichloroethene	4.038	96	64494	25.171	ug/L	96
13) Acetone	4.129	43	34410	46.442	ug/L	97
14) Carbon disulfide	4.379	76	192679	23.119	ug/L	100
15) Methyl Acetate	4.678	43	33931	24.660	ug/L	99
16) Methylene chloride	4.916	84	80551	22.737	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	69978	26.031	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	106170	28.032	ug/L	99
19) 1,1-Dichloroethane	6.220	63	149498	27.127	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	77471	27.726	ug/L	100
22) 2-Butanone	7.177	43	44471	47.950	ug/L	99
23) Bromochloromethane	7.513	128	32372	26.415	ug/L	98
25) Chloroform	7.677	83	146086	27.267	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	98426	26.860	ug/L	100
29) Cyclohexane	7.958	56	134366	27.004	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	114529	27.126	ug/L	100
31) Carbon tetrachloride	8.067	117	98597	26.561	ug/L	99
33) Benzene	8.323	78	324012	26.766	ug/L	100
34) Trichloroethene	9.092	95	78270	26.245	ug/L	97
35) Methylcyclohexane	9.336	83	132384	25.939	ug/L	99
37) 1,2-Dichloropropane	9.372	63	85530	27.283	ug/L	99
38) Bromodichloromethane	9.646	83	102357	27.233	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	119833	27.706	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	97820	51.989	ug/L	100
42) Toluene	10.390	91	336593	27.721	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	104859	27.501	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	53523	26.591	ug/L	98
46) Tetrachloroethene	10.866	164	55384	25.855	ug/L	91
48) 2-Hexanone	10.969	43	71728	51.959	ug/L	99
49) Dibromochloromethane	11.128	129	60370	27.225	ug/L	100
50) 1,2-Dibromoethane	11.238	107	47321	25.595	ug/L	99
51) Chlorobenzene	11.658	112	200379	26.762	ug/L	100
52) Ethylbenzene	11.731	91	371865	28.242	ug/L	99
53) m,p-Xylene	11.841	106	138426	28.374	ug/L	96
54) o-Xylene	12.164	106	130707	29.011	ug/L	99
55) Styrene	12.183	104	231309	29.362	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	64312	25.774	ug/L	97
59) Bromoform	12.347	173	31442	24.653	ug/L	98
60) Isopropylbenzene	12.463	105	359126	26.876	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	47293	23.580	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	305834	28.033	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	303053	28.044	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	152335	26.348	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	156191	26.118	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	135332	25.550	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	10243	24.044	ug/L	100
69) 1,3,5-Trichlorobenzene	14.627	180	105260	25.532	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	84185	25.789	ug/L	99
71) Naphthalene	15.365	128	150015	25.560	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	70898	24.728	ug/L	95

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

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