

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
 Data File : VW018833.D
 Acq On : 28 Apr 2021 20:19
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025126

Quant Time: Apr 29 00:18:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 29 00:13:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	542968	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	506041	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	251021	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	152744	18.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.04%		
7) Chloroethane-d5	2.891	69	121952	16.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.72%		
11) 1,1-Dichloroethene-d2	4.025	63	309309	21.59	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	86.36%		
21) 2-Butanone-d5	7.080	46	88881	47.32	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	94.64%		
24) Chloroform-d	7.653	84	310257	20.82	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	83.28%		
26) 1,2-Dichloroethane-d4	8.305	65	172191	20.55	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	82.20%		
32) Benzene-d6	8.275	84	600772	20.24	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	80.96%		
36) 1,2-Dichloropropane-d6	9.274	67	180061	20.13	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	80.52%		
41) Toluene-d8	10.323	98	573803	21.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	84.56%		
43) trans-1,3-Dichloroprop...	10.579	79	83550	21.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	87.76%		
47) 2-Hexanone-d5	10.920	63	76788	49.36	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.72%		
56) 1,1,2,2-Tetrachloroeth...	12.694	84	164995	22.08	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	88.32%		
66) 1,2-Dichlorobenzene-d4	13.853	152	189564	21.50	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	86.00%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	128148	24.80	ug/L	95
3) Chloromethane	2.215	50	104522	14.81	ug/L	98
5) Vinyl chloride	2.367	62	198636	19.52	ug/L	98
6) Bromomethane	2.788	94	135575	16.72	ug/L	98
8) Chloroethane	2.928	64	124932	19.24	ug/L	96
9) Trichlorofluoromethane	3.263	101	140982	24.73	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	191992	26.54	ug/L	97
12) 1,1-Dichloroethene	4.050	96	178179	24.96	ug/L	93
13) Acetone	4.129	43	73895	54.20	ug/L	88
14) Carbon disulfide	4.391	76	444253	20.91	ug/L	99
15) Methyl Acetate	4.678	43	91234	29.35	ug/L	93
16) Methylene chloride	4.915	84	221142	24.85	ug/L	92
17) trans-1,2-Dichloroethene	5.427	96	195348	25.45	ug/L	95
18) Methyl tert-butyl Ether	5.427	73	308470	30.03	ug/L	97
19) 1,1-Dichloroethane	6.220	63	360206	25.51	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	222270	27.22	ug/L	100
22) 2-Butanone	7.171	43	124307	60.00	ug/L	95
23) Bromochloromethane	7.512	128	97956	27.70	ug/L	96
25) Chloroform	7.677	83	384698	26.85	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	262620	26.93	ug/L	97
29) Cyclohexane	7.958	56	294988	23.67	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	298807	26.99	ug/L	99
31) Carbon tetrachloride	8.067	117	269627	27.01	ug/L	99
33) Benzene	8.323	78	808461	25.44	ug/L	100
34) Trichloroethene	9.091	95	212024	25.91	ug/L	95
35) Methylcyclohexane	9.335	83	351835	24.74	ug/L	98
37) 1,2-Dichloropropane	9.366	63	202716	25.19	ug/L	100
38) Bromodichloromethane	9.646	83	273061	26.67	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	326205	27.32	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	286510	57.97	ug/L	93
42) Toluene	10.390	91	889225	26.07	ug/L	97
44) trans-1,3-Dichloropropene	10.609	75	289376	27.76	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	169822	28.46	ug/L	97
46) Tetrachloroethene	10.866	164	153924	26.63	ug/L	94
48) 2-Hexanone	10.969	43	197095	63.09	ug/L	92
49) Dibromochloromethane	11.128	129	179471	28.22	ug/L	90
50) 1,2-Dibromoethane	11.237	107	164135	28.90	ug/L	99
51) Chlorobenzene	11.658	112	560880	26.71	ug/L	98
52) Ethylbenzene	11.731	91	1018373	27.03	ug/L	98
53) m,p-Xylene	11.841	106	376022	27.20	ug/L	96
54) o-Xylene	12.164	106	368712	27.78	ug/L	97
55) Styrene	12.182	104	618556	26.95	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	215836	29.04	ug/L	96
59) Bromoform	12.347	173	101394	28.33	ug/L	95
60) Isopropylbenzene	12.463	105	1011182	27.39	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	162930	28.41	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	850877	27.82	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	860898	28.21	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	430595	27.52	ug/L	91
65) 1,4-Dichlorobenzene	13.578	146	424139	26.80	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	401699	27.91	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	37055	31.09	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	319781	28.63	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	283160	31.14	ug/L	99
71) Naphthalene	15.365	128	621914	32.47	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	245142	30.55	ug/L	96

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

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