

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
 Data File : VW018889.D
 Acq On : 30 Apr 2021 18:21
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025130

Quant Time: Apr 30 22:57:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 30 22:53:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	581451	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	527674	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	256475	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	176699	23.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.76%		
7) Chloroethane-d5	2.892	69	141817	24.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.16%		
11) 1,1-Dichloroethene-d2	4.025	63	375038	25.32	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	101.28%		
21) 2-Butanone-d5	7.080	46	82234	42.33	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.66%		
24) Chloroform-d	7.653	84	391593	25.66	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	102.64%		
26) 1,2-Dichloroethane-d4	8.305	65	205923	24.16	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	96.64%		
32) Benzene-d6	8.275	84	769086	25.80	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	103.20%		
36) 1,2-Dichloropropane-d6	9.275	67	222849	25.19	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.76%		
41) Toluene-d8	10.323	98	709697	25.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	102.08%		
43) trans-1,3-Dichloroprop...	10.579	79	97268	24.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	96.80%		
47) 2-Hexanone-d5	10.927	63	70465	44.50	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	89.00%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	169741	22.65	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	90.60%		
66) 1,2-Dichlorobenzene-d4	13.853	152	233084	26.52	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	106.08%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	137565	24.92	ug/L	99
3) Chloromethane	2.215	50	120450	23.23	ug/L	98
5) Vinyl chloride	2.367	62	204164	24.27	ug/L	100
6) Bromomethane	2.782	94	145645	24.72	ug/L	96
8) Chloroethane	2.928	64	125859	24.86	ug/L	94
9) Trichlorofluoromethane	3.270	101	163287	25.02	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	194984	25.93	ug/L	97
12) 1,1-Dichloroethene	4.044	96	191777	25.46	ug/L	96
13) Acetone	4.135	43	56397	37.89	ug/L	87
14) Carbon disulfide	4.391	76	569333	25.54	ug/L	99
15) Methyl Acetate	4.672	43	66892	22.04	ug/L	93
16) Methylene chloride	4.922	84	223878	23.29	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	207987	25.76	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	266223	23.90	ug/L	97
19) 1,1-Dichloroethane	6.220	63	360680	26.00	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	219955	25.79	ug/L	99
22) 2-Butanone	7.171	43	85624	41.49	ug/L	93
23) Bromochloromethane	7.519	128	92354	24.57	ug/L	91
25) Chloroform	7.677	83	374076	25.77	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	241478	24.43	ug/L	98
29) Cyclohexane	7.958	56	322033	25.46	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	300944	25.74	ug/L	98
31) Carbon tetrachloride	8.074	117	279777	26.26	ug/L	98
33) Benzene	8.323	78	822708	26.04	ug/L	100
34) Trichloroethene	9.092	95	219307	26.02	ug/L	94
35) Methylcyclohexane	9.335	83	374447	25.26	ug/L	99
37) 1,2-Dichloropropane	9.372	63	194793	25.57	ug/L	98
38) Bromodichloromethane	9.646	83	257668	25.62	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	308800	25.45	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	199419	42.16	ug/L	93
42) Toluene	10.390	91	898515	25.84	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	261651	24.60	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	142431	23.54	ug/L	96
46) Tetrachloroethene	10.866	164	164603	25.97	ug/L	91
48) 2-Hexanone	10.969	43	134730	43.73	ug/L	93
49) Dibromochloromethane	11.128	129	161913	24.71	ug/L	90
50) 1,2-Dibromoethane	11.238	107	136635	23.29	ug/L	99
51) Chlorobenzene	11.658	112	541892	25.49	ug/L	97
52) Ethylbenzene	11.731	91	999447	25.93	ug/L	98
53) m,p-Xylene	11.841	106	373094	26.05	ug/L	97
54) o-Xylene	12.164	106	355694	26.06	ug/L	100
55) Styrene	12.183	104	594565	25.91	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	165241	22.59	ug/L	98
59) Bromoform	12.347	173	82413	23.22	ug/L	96
60) Isopropylbenzene	12.463	105	977081	26.69	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	122437	22.52	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	827161	27.07	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	809085	26.46	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	404023	26.16	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	400861	25.71	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	358023	25.61	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	25119	21.73	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	287100	25.78	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	242445	26.22	ug/L	99
71) Naphthalene	15.365	128	461695	23.66	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	206739	25.33	ug/L	94

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

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