

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022521\
 Data File : VW018240.D
 Acq On : 25 Feb 2021 17:10
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025105

Quant Time: Feb 26 07:04:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 26 07:02:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	455998	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	398391	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	210847	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	116617	23.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.56%		
7) Chloroethane-d5	2.892	69	92159	23.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.36%		
11) 1,1-Dichloroethene-d2	4.026	63	240235	23.49	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	93.96%		
21) 2-Butanone-d5	7.074	46	58693	53.59	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	107.18%		
24) Chloroform-d	7.647	84	252664	22.82	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.28%		
26) 1,2-Dichloroethane-d4	8.305	65	127074	23.01	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.04%		
32) Benzene-d6	8.275	84	491513	23.69	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	94.76%		
36) 1,2-Dichloropropane-d6	9.268	67	136872	23.77	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	95.08%		
41) Toluene-d8	10.323	98	464878	23.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	93.60%		
43) trans-1,3-Dichloroprop...	10.579	79	63861	24.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	98.36%		
47) 2-Hexanone-d5	10.921	63	50790	55.63	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	111.26%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	120603	25.65	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	102.60%		
66) 1,2-Dichlorobenzene-d4	13.853	152	172481	22.35	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	89.40%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	138952	25.61	ug/L	98
3) Chloromethane	2.215	50	97980	23.55	ug/L	96
5) Vinyl chloride	2.367	62	147489	24.66	ug/L	100
6) Bromomethane	2.782	94	99970	24.10	ug/L	99
8) Chloroethane	2.928	64	84429	25.23	ug/L	97
9) Trichlorofluoromethane	3.263	101	107661	25.17	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	143849	24.65	ug/L	89
12) 1,1-Dichloroethene	4.044	96	141170	25.00	ug/L	88
13) Acetone	4.123	43	40563	54.93	ug/L	86
14) Carbon disulfide	4.385	76	411259	23.84	ug/L	100
15) Methyl Acetate	4.672	43	51502	26.66	ug/L	94
16) Methylene chloride	4.916	84	137616	22.25	ug/L	90
17) trans-1,2-Dichloroethene	5.422	96	146362	24.29	ug/L	89
18) Methyl tert-butyl Ether	5.422	73	153189	25.51	ug/L	95
19) 1,1-Dichloroethane	6.214	63	229678	24.35	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	152979	24.44	ug/L	91
22) 2-Butanone	7.171	43	65203	55.48	ug/L	98
23) Bromochloromethane	7.513	128	73539	24.63	ug/L #	77
25) Chloroform	7.671	83	251400	24.47	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	156198	25.13	ug/L #	95
29) Cyclohexane	7.952	56	207169	25.93	ug/L	94
30) 1,1,1-Trichloroethane	7.866	97	207873	25.97	ug/L	94
31) Carbon tetrachloride	8.067	117	205712	26.50	ug/L	100
33) Benzene	8.323	78	544309	25.59	ug/L	100
34) Trichloroethene	9.092	95	152938	25.71	ug/L	93
35) Methylcyclohexane	9.336	83	254072	25.82	ug/L	96
37) 1,2-Dichloropropane	9.366	63	124539	25.33	ug/L	98
38) Bromodichloromethane	9.640	83	177448	25.77	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	208135	26.42	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	143423	57.45	ug/L #	91
42) Toluene	10.384	91	609298	25.99	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	183166	27.10	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	107771	26.78	ug/L	94
46) Tetrachloroethene	10.860	164	136191	25.83	ug/L	99
48) 2-Hexanone	10.969	43	97836	57.42	ug/L #	90
49) Dibromochloromethane	11.128	129	134101	26.97	ug/L	96
50) 1,2-Dibromoethane	11.232	107	106387	26.98	ug/L #	100
51) Chlorobenzene	11.658	112	395258	25.23	ug/L	96
52) Ethylbenzene	11.731	91	675699	25.55	ug/L	100
53) m,p-Xylene	11.841	106	265479	25.71	ug/L	91
54) o-Xylene	12.164	106	250247	25.64	ug/L	98
55) Styrene	12.183	104	431002	26.32	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	122907	27.30	ug/L	98
59) Bromoform	12.347	173	79528	26.51	ug/L	98
60) Isopropylbenzene	12.463	105	692815	25.17	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	91137	26.40	ug/L	96
62) 1,3,5-Trimethylbenzene	12.945	105	579126	25.11	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	578659	25.17	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	316344	23.91	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	325386	24.55	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	291739	24.57	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	20214	26.94	ug/L #	72
69) 1,3,5-Trichlorobenzene	14.627	180	250905	24.65	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	206012	24.47	ug/L	95
71) Naphthalene	15.365	128	409046	27.67	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	185422	25.15	ug/L	98

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

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