

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042821\  
 Data File : VW018814.D  
 Acq On : 28 Apr 2021 12:24  
 Operator : SY/VA  
 Sample : VSTDCCC025  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD025125

Quant Time: Apr 29 00:09:28 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM041421SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Apr 28 00:41:12 2021  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	565910	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	503698	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	257096	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	173178	20.14	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	80.56%		
7) Chloroethane-d5	2.891	69	131323	17.23	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	68.92%		
11) 1,1-Dichloroethene-d2	4.025	63	356812	23.89	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery =	95.56%		
21) 2-Butanone-d5	7.086	46	78502	40.10	ug/L	0.01
Spiked Amount	50.000	Range 20 - 135	Recovery =	80.20%		
24) Chloroform-d	7.653	84	335332	21.59	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery =	86.36%		
26) 1,2-Dichloroethane-d4	8.305	65	181622	20.80	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery =	83.20%		
32) Benzene-d6	8.275	84	654631	22.15	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery =	88.60%		
36) 1,2-Dichloropropane-d6	9.274	67	190367	21.38	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery =	85.52%		
41) Toluene-d8	10.323	98	613307	22.70	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery =	90.80%		
43) trans-1,3-Dichloroprop...	10.579	79	88748	23.41	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery =	93.64%		
47) 2-Hexanone-d5	10.927	63	67827	43.80	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	87.60%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	162094	21.80	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery =	87.20%		
66) 1,2-Dichlorobenzene-d4	13.853	152	194309	21.51	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery =	86.04%		
Target Compounds						
2) Dichlorodifluoromethane	2.014	85	129210	23.99	ug/L	94
3) Chloromethane	2.215	50	115135	15.65	ug/L	97
5) Vinyl chloride	2.367	62	212250	20.01	ug/L	98
6) Bromomethane	2.782	94	142830	16.90	ug/L	97
8) Chloroethane	2.928	64	130170	19.23	ug/L	98
9) Trichlorofluoromethane	3.263	101	180297	30.35	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	204555	27.13	ug/L	98
12) 1,1-Dichloroethene	4.044	96	200484	26.95	ug/L	92
13) Acetone	4.135	43	84190	59.25	ug/L	90
14) Carbon disulfide	4.385	76	512671	23.15	ug/L	99
15) Methyl Acetate	4.672	43	83208	25.68	ug/L	93
16) Methylene chloride	4.915	84	229974	24.80	ug/L	91
17) trans-1,2-Dichloroethene	5.428	96	210982	26.37	ug/L	97
18) Methyl tert-butyl Ether	5.421	73	307403	28.72	ug/L	98
19) 1,1-Dichloroethane	6.220	63	381168	25.90	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	232447	27.31	ug/L	99
22) 2-Butanone	7.171	43	116105	53.77	ug/L	94
23) Bromochloromethane	7.513	128	97325	26.41	ug/L	94
25) Chloroform	7.677	83	405369	27.14	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	269461	26.51	ug/L	98
29) Cyclohexane	7.958	56	319336	25.74	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	329210	29.87	ug/L	98
31) Carbon tetrachloride	8.067	117	298701	30.06	ug/L	100
33) Benzene	8.323	78	844936	26.71	ug/L	100
34) Trichloroethene	9.092	95	230612	28.32	ug/L	95
35) Methylcyclohexane	9.335	83	384014	27.13	ug/L	98
37) 1,2-Dichloropropane	9.372	63	211481	26.41	ug/L	99
38) Bromodichloromethane	9.646	83	285945	28.06	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	342851	28.84	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	255584	51.95	ug/L	93
42) Toluene	10.390	91	949244	27.96	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	301247	29.03	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	166236	27.99	ug/L	96
46) Tetrachloroethene	10.866	164	166715	28.97	ug/L	93
48) 2-Hexanone	10.969	43	181261	58.29	ug/L	95
49) Dibromochloromethane	11.128	129	186889	29.52	ug/L	95
50) 1,2-Dibromoethane	11.237	107	161132	28.51	ug/L	100
51) Chlorobenzene	11.658	112	571234	27.33	ug/L	95
52) Ethylbenzene	11.731	91	1063116	28.35	ug/L	99
53) m,p-Xylene	11.841	106	392935	28.56	ug/L	95
54) o-Xylene	12.164	106	376821	28.53	ug/L	95
55) Styrene	12.182	104	644861	28.22	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	204288	27.61	ug/L	99
59) Bromoform	12.347	173	101170	27.60	ug/L	97
60) Isopropylbenzene	12.463	105	1054475	27.89	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	153278	26.09	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	871225	27.81	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	874867	27.99	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	437130	27.28	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	444956	27.45	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	390268	26.47	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	33504	27.45	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	320873	28.05	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	267951	28.77	ug/L	99
71) Naphthalene	15.365	128	540465	27.55	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	223335	27.17	ug/L	99

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

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