

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051421\
 Data File : VW018995.D
 Acq On : 14 May 2021 10:56
 Operator : SY/VA
 Sample : VSTD02502
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025102

Quant Time: May 14 11:27:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM051421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 14 11:26:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	579972	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	529584	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	269825	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	146763	21.88	ug/L	0.00
7) Chloroethane-d5	2.892	69	129069	23.46	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	318077	24.22	ug/L	0.00
21) 2-Butanone-d5	7.080	46	77895	51.49	ug/L	0.00
24) Chloroform-d	7.653	84	352198	24.41	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	181827	24.57	ug/L	0.00
32) Benzene-d6	8.275	84	693932	24.33	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	204689	24.50	ug/L	0.00
41) Toluene-d8	10.323	98	655560	24.80	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	90884	25.53	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	65549	52.37	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	161494	24.95	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	221444	24.48	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	157336	29.12	ug/L	100
3) Chloromethane	2.221	50	150702	27.88	ug/L	100
5) Vinyl chloride	2.367	62	211458	25.59	ug/L	96
6) Bromomethane	2.782	94	152437	23.82	ug/L	98
8) Chloroethane	2.934	64	133851	25.88	ug/L	94
9) Trichlorofluoromethane	3.270	101	137377	24.11	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	191397	26.64	ug/L	96
12) 1,1-Dichloroethene	4.044	96	190537	26.56	ug/L	94
13) Acetone	4.129	43	55030	49.67	ug/L	85
14) Carbon disulfide	4.391	76	549031	25.72	ug/L	99
15) Methyl Acetate	4.672	43	66329	26.81	ug/L	95
16) Methylene chloride	4.916	84	203483	21.78	ug/L	95
17) trans-1,2-Dichloroethene	5.434	96	205108	26.41	ug/L	92
18) Methyl tert-butyl Ether	5.428	73	251072	25.54	ug/L	98
19) 1,1-Dichloroethane	6.220	63	352687	26.14	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	213096	25.87	ug/L	95
22) 2-Butanone	7.171	43	87984	52.52	ug/L	96
23) Bromochloromethane	7.519	128	91017	25.15	ug/L	91
25) Chloroform	7.677	83	364433	25.97	ug/L	98
27) 1,2-Dichloroethane	8.403	62	231855	25.95	ug/L	98
29) Cyclohexane	7.958	56	324514	27.76	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	289515	26.14	ug/L	98
31) Carbon tetrachloride	8.074	117	262758	26.08	ug/L	99
33) Benzene	8.323	78	803093	26.01	ug/L	100
34) Trichloroethene	9.092	95	212073	26.05	ug/L	94
35) Methylcyclohexane	9.335	83	377147	27.31	ug/L	99
37) 1,2-Dichloropropane	9.372	63	191210	25.71	ug/L	99
38) Bromodichloromethane	9.646	83	256703	26.20	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	297995	26.39	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	200983	52.77	ug/L	94
42) Toluene	10.390	91	893482	26.40	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	259869	26.73	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	142495	25.78	ug/L	98
46) Tetrachloroethene	10.860	164	168268	26.19	ug/L	96
48) 2-Hexanone	10.969	43	134620	55.68	ug/L	93
49) Dibromochloromethane	11.128	129	161621	25.69	ug/L	95
50) 1,2-Dibromoethane	11.238	107	132946	25.23	ug/L #	98
51) Chlorobenzene	11.658	112	540071	25.40	ug/L	99
52) Ethylbenzene	11.731	91	983390	26.52	ug/L	98
53) m,p-Xylene	11.841	106	374432	26.55	ug/L	100
54) o-Xylene	12.164	106	347729	26.05	ug/L	91
55) Styrene	12.183	104	598797	26.26	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	166498	25.88	ug/L	97
59) Bromoform	12.347	173	89254	25.76	ug/L	96
60) Isopropylbenzene	12.463	105	981277	27.01	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	120394	25.66	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	809145	26.99	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	809209	26.90	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	419606	26.07	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	419537	25.63	ug/L	91
67) 1,2-Dichlorobenzene	13.871	146	376129	26.00	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	25457	26.17	ug/L	88
69) 1,3,5-Trichlorobenzene	14.627	180	315004	26.71	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	247689	25.81	ug/L	99
71) Naphthalene	15.365	128	462913	26.99	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	217462	26.07	ug/L	97

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

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