

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW060221\  
 Data File : VW019095.D  
 Acq On : 02 Jun 2021 11:05  
 Operator : SY/VA  
 Sample : VSTD00501  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD005101

Quant Time: Jun 02 12:00:04 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM060221SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jun 02 11:58:42 2021  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Difluorobenzene	8.841	114	642831	25.00	ug/L	0.00	
28) Chlorobenzene-d5	11.633	117	579838	25.00	ug/L	0.00	
58) 1,4-Dichlorobenzene-d4	13.560	152	286657	25.00	ug/L	0.00	
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.361	65	42270	4.86	ug/L	0.00	
7) Chloroethane-d5	2.891	69	35156	4.87	ug/L	0.00	
11) 1,1-Dichloroethene-d2	4.031	63	83641	4.84	ug/L	0.00	
21) 2-Butanone-d5	7.091	46	22451	10.10	ug/L	0.00	
24) Chloroform-d	7.652	84	85132	4.91	ug/L	0.00	
26) 1,2-Dichloroethane-d4	8.311	65	49911	5.14	ug/L	0.00	
32) Benzene-d6	8.280	84	169707	5.17	ug/L	0.00	
36) 1,2-Dichloropropane-d6	9.274	67	51381	5.20	ug/L	0.00	
41) Toluene-d8	10.329	98	154298	5.07	ug/L	0.00	
43) trans-1,3-Dichloroprop...	10.579	79	21118	4.71	ug/L	0.00	
47) 2-Hexanone-d5	10.926	63	16819	9.58	ug/L	0.00	
56) 1,1,2,2-Tetrachloroeth...	12.694	84	42326	5.13	ug/L	0.00	
66) 1,2-Dichlorobenzene-d4	13.852	152	50397	5.04	ug/L	0.00	
Target Compounds							
2) Dichlorodifluoromethane	2.013	85	38279	4.32	ug/L	100	
3) Chloromethane	2.214	50	35614	4.39	ug/L	96	
5) Vinyl chloride	2.367	62	57559	4.67	ug/L	98	
6) Bromomethane	2.787	94	43744	4.87	ug/L	98	
8) Chloroethane	2.928	64	34372	4.69	ug/L	98	
9) Trichlorofluoromethane	3.263	101	29762	4.46	ug/L	99	
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	45399	4.78	ug/L	96	
12) 1,1-Dichloroethene	4.043	96	43772	4.59	ug/L	93	
13) Acetone	4.141	43	20426	8.40	ug/L	89	
14) Carbon disulfide	4.391	76	136077	4.51	ug/L	98	
15) Methyl Acetate	4.683	43	19718	4.74	ug/L	100	
16) Methylene chloride	4.921	84	68663	4.98	ug/L	97	
17) trans-1,2-Dichloroethene	5.433	96	47479	4.67	ug/L	97	
18) Methyl tert-butyl Ether	5.433	73	60588	4.57	ug/L	# 66	
19) 1,1-Dichloroethane	6.220	63	85354	4.68	ug/L	96	
20) cis-1,2-Dichloroethene	7.177	96	48093	4.54	ug/L	98	
22) 2-Butanone	7.177	43	26929	9.39	ug/L	98	
23) Bromochloromethane	7.518	128	22224	4.79	ug/L	96	
25) Chloroform	7.677	83	86768	4.74	ug/L	100	
27) 1,2-Dichloroethane	8.402	62	60082	4.81	ug/L	# 95	
29) Cyclohexane	7.957	56	74339	4.65	ug/L	96	
30) 1,1,1-Trichloroethane	7.878	97	66071	4.79	ug/L	99	
31) Carbon tetrachloride	8.073	117	61361	4.82	ug/L	100	
33) Benzene	8.329	78	194986	4.95	ug/L	100	
34) Trichloroethene	9.091	95	49318	4.80	ug/L	91	
35) Methylcyclohexane	9.335	83	85267	4.74	ug/L	96	
37) 1,2-Dichloropropane	9.372	63	47629	4.91	ug/L	99	
38) Bromodichloromethane	9.646	83	58813	4.65	ug/L	100	
39) cis-1,3-Dichloropropene	10.073	75	69430	4.57	ug/L	98	
40) 4-Methyl-2-pentanone	10.213	43	56338	9.61	ug/L	96	
42) Toluene	10.390	91	205934	4.85	ug/L	97	
44) trans-1,3-Dichloropropene	10.609	75	59749	4.42	ug/L	96	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.792	97	34645	4.70	ug/L	97
46) Tetrachloroethene	10.865	164	38246	4.90	ug/L	98
48) 2-Hexanone	10.969	43	37176	9.25	ug/L	97
49) Dibromochloromethane	11.133	129	37279	4.58	ug/L	99
50) 1,2-Dibromoethane	11.237	107	34105	4.86	ug/L #	96
51) Chlorobenzene	11.658	112	128327	4.91	ug/L	97
52) Ethylbenzene	11.731	91	222168	4.75	ug/L	98
53) m,p-Xylene	11.841	106	80972	4.64	ug/L	91
54) o-Xylene	12.170	106	75474	4.54	ug/L	97
55) Styrene	12.182	104	129610	4.58	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.712	83	44004	4.86	ug/L	100
59) Bromoform	12.353	173	20190	4.54	ug/L	97
60) Isopropylbenzene	12.462	105	207847	4.72	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	33769	5.13	ug/L	96
62) 1,3,5-Trimethylbenzene	12.944	105	164732	4.57	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	167662	4.61	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	92167	4.78	ug/L	87
65) 1,4-Dichlorobenzene	13.578	146	96123	4.93	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	84166	4.80	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.480	75	7144	4.86	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	67532	4.83	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	54870	4.65	ug/L	99
71) Naphthalene	15.364	128	103853	4.40	ug/L	100
72) 1,2,3-Trichlorobenzene	15.553	180	48414	4.69	ug/L	97

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

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