

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070921\
 Data File : VW019390.D
 Acq On : 09 Jul 2021 11:11
 Operator : SY/VA
 Sample : VSTD00519
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005419

Quant Time: Jul 09 11:58:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 09 11:57:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	528992	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	497052	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	253069	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	34217	4.695	ug/L	0.00
7) Chloroethane-d5	2.897	69	25279	4.607	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.031	63	69893	4.822	ug/L	0.00
21) 2-Butanone-d5	7.092	46	19547	10.759	ug/L	0.00
24) Chloroform-d	7.652	84	73700	4.964	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	40440	5.237	ug/L	0.00
32) Benzene-d6	8.280	84	147027	4.802	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	45934	4.885	ug/L	0.00
41) Toluene-d8	10.323	98	131986	4.776	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	18207	4.818	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	14365	9.476	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	36464	5.204	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	44365	4.809	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	28933	4.482	ug/L	96
3) Chloromethane	2.214	50	30934	4.686	ug/L	99
5) Vinyl chloride	2.367	62	43997	4.817	ug/L	97
6) Bromomethane	2.787	94	24150	4.767	ug/L	95
8) Chloroethane	2.928	64	22716	4.569	ug/L	96
9) Trichlorofluoromethane	3.263	101	24352	4.736	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	33538	4.713	ug/L	96
12) 1,1-Dichloroethene	4.043	96	33075	4.609	ug/L	88
13) Acetone	4.153	43	14932	12.601	ug/L	86
14) Carbon disulfide	4.391	76	103222	4.551	ug/L	100
15) Methyl Acetate	4.690	43	15428	4.976	ug/L #	80
16) Methylene chloride	4.921	84	62818	6.642	ug/L	99
17) trans-1,2-Dichloroethene	5.427	96	36221	4.681	ug/L	98
18) Methyl tert-butyl Ether	5.433	73	48374	5.001	ug/L	96
19) 1,1-Dichloroethane	6.220	63	67253	4.816	ug/L	97
20) cis-1,2-Dichloroethene	7.177	96	37301	4.574	ug/L	86
22) 2-Butanone	7.189	43	23001	11.788	ug/L	90
23) Bromochloromethane	7.518	128	16902	4.728	ug/L	96
25) Chloroform	7.677	83	66657	4.807	ug/L	98
27) 1,2-Dichloroethane	8.402	62	44265	4.991	ug/L	99
29) Cyclohexane	7.957	56	57824	4.344	ug/L	93
30) 1,1,1-Trichloroethane	7.878	97	49516	4.665	ug/L	99
31) Carbon tetrachloride	8.073	117	45757	4.593	ug/L	100
33) Benzene	8.329	78	153075	4.720	ug/L	100
34) Trichloroethene	9.091	95	38216	4.605	ug/L	88
35) Methylcyclohexane	9.341	83	64882	4.425	ug/L	93
37) 1,2-Dichloropropane	9.372	63	38444	4.798	ug/L	98
38) Bromodichloromethane	9.646	83	45670	4.620	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	54022	4.502	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	43553	10.042	ug/L	98
42) Toluene	10.390	91	156373	4.622	ug/L	99
44) trans-1,3-Dichloropropene	10.609	75	47566	4.615	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	27840	4.863	ug/L	96
46) Tetrachloroethene	10.865	164	29407	4.640	ug/L	96
48) 2-Hexanone	10.969	43	29193	9.804	ug/L	97
49) Dibromochloromethane	11.127	129	28015	4.432	ug/L	89
50) 1,2-Dibromoethane	11.237	107	26314	4.825	ug/L	97
51) Chlorobenzene	11.658	112	98336	4.641	ug/L	97
52) Ethylbenzene	11.731	91	168512	4.568	ug/L	97
53) m,p-Xylene	11.841	106	62316	4.469	ug/L	85
54) o-Xylene	12.170	106	58637	4.396	ug/L	97
55) Styrene	12.182	104	101983	4.509	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.712	83	34020	4.980	ug/L	100
59) Bromoform	12.347	173	15659	4.434	ug/L #	95
60) Isopropylbenzene	12.463	105	159793	4.420	ug/L	100
61) 1,2,3-Trichloropropane	12.767	75	26016	5.032	ug/L	95
62) 1,3,5-Trimethylbenzene	12.944	105	129771	4.293	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	128936	4.285	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	72974	4.511	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	76241	4.781	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	66999	4.694	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.480	75	5419	4.904	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	53252	4.512	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	45007	4.655	ug/L	98
71) Naphthalene	15.364	128	80564	4.308	ug/L	99
72) 1,2,3-Trichlorobenzene	15.553	180	39676	4.703	ug/L	99

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

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