

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
 Data File : VW020080.D
 Acq On : 21 Sep 2021 08:30
 Operator : SY/VA
 Sample : VSTD00553
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005453

Quant Time: Sep 22 04:00:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 22 03:59:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	345416	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	328352	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	160737	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	44392	6.282	ug/L	0.00
7) Chloroethane-d5	2.897	69	32699	6.143	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	62053	5.608	ug/L	0.00
21) 2-Butanone-d5	7.086	46	10615	9.735	ug/L	0.00
24) Chloroform-d	7.652	84	64575	5.944	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	34466	5.895	ug/L	0.00
32) Benzene-d6	8.280	84	121439	5.797	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.280	67	34014	5.610	ug/L	0.00
41) Toluene-d8	10.329	98	101178	5.308	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	13666	5.274	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	6956	8.291	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	24805	5.304	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	32884	5.456	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.019	85	14636	4.838	ug/L	95
3) Chloromethane	2.221	50	21474	5.133	ug/L	98
5) Vinyl chloride	2.367	62	35873	5.461	ug/L	91
6) Bromomethane	2.788	94	23203	5.464	ug/L	95
8) Chloroethane	2.934	64	21853	5.501	ug/L	99
9) Trichlorofluoromethane	3.269	101	23846	5.159	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	27927	5.527	ug/L	96
12) 1,1-Dichloroethene	4.049	96	22997	5.019	ug/L	82
13) Acetone	4.129	43	9365	10.028	ug/L	97
14) Carbon disulfide	4.391	76	69965	4.857	ug/L	98
15) Methyl Acetate	4.677	43	8396	4.701	ug/L #	79
16) Methylene chloride	4.921	84	37822	6.205	ug/L	92
17) trans-1,2-Dichloroethene	5.433	96	23609	4.892	ug/L	97
18) Methyl tert-butyl Ether	5.439	73	26584	4.640	ug/L #	91
19) 1,1-Dichloroethane	6.226	63	47527	5.340	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	23972	4.884	ug/L	99
22) 2-Butanone	7.177	43	11227	9.266	ug/L	96
23) Bromochloromethane	7.518	128	11387	5.118	ug/L	97
25) Chloroform	7.683	83	50079	5.380	ug/L	96
27) 1,2-Dichloroethane	8.402	62	32278	5.270	ug/L	99
29) Cyclohexane	7.963	56	30395	4.160	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	42472	5.220	ug/L	99
31) Carbon tetrachloride	8.079	117	40153	5.424	ug/L	98
33) Benzene	8.329	78	103443	5.220	ug/L	100
34) Trichloroethene	9.097	95	27484	5.181	ug/L	98
35) Methylcyclohexane	9.341	83	38741	4.482	ug/L	96
37) 1,2-Dichloropropane	9.372	63	26213	5.341	ug/L	97
38) Bromodichloromethane	9.646	83	34295	5.160	ug/L	98
39) cis-1,3-Dichloropropene	10.079	75	32813	4.533	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	21307	8.619	ug/L	97
42) Toluene	10.390	91	106464	5.057	ug/L	95
44) trans-1,3-Dichloropropene	10.609	75	30141	4.635	ug/L	95

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

45) 1,1,2-Trichloroethane	10.786	97	18668	5.187	ug/L	95
46) Tetrachloroethene	10.865	164	21605	5.269	ug/L	97
48) 2-Hexanone	10.969	43	14479	8.408	ug/L	95
49) Dibromochloromethane	11.127	129	21099	5.017	ug/L	96
50) 1,2-Dibromoethane	11.237	107	16534	4.882	ug/L #	96
51) Chlorobenzene	11.664	112	70853	5.174	ug/L	96
52) Ethylbenzene	11.731	91	111172	4.794	ug/L	98
53) m,p-Xylene	11.841	106	41620	4.708	ug/L	97
54) o-Xylene	12.170	106	37546	4.591	ug/L	94
55) Styrene	12.182	104	65353	4.599	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	21060	4.899	ug/L	98
59) Bromoform	12.347	173	10707	4.886	ug/L	100
60) Isopropylbenzene	12.463	105	103299	4.793	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	15696	5.171	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	79975	4.522	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	78079	4.494	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	52336	5.295	ug/L	99
65) 1,4-Dichlorobenzene	13.578	146	55482	5.432	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	47096	5.232	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	3154	4.629	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.627	180	35412	5.180	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	24690	4.680	ug/L	92
71) Naphthalene	15.365	128	34403	3.697	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	21170	4.456	ug/L	96

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

