

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062821\
 Data File : VW019342.D
 Acq On : 28 Jun 2021 11:18
 Operator : SY/VA
 Sample : VSTD00502
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005102

Quant Time: Jun 28 12:15:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jun 28 12:14:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	505494	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	460398	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	235131	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	33703	5.123	ug/L	0.00
7) Chloroethane-d5	2.898	69	25716	4.615	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.032	63	67982	5.156	ug/L	0.00
21) 2-Butanone-d5	7.080	46	17653	10.284	ug/L	0.00
24) Chloroform-d	7.653	84	71790	5.336	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	38022	5.099	ug/L	0.00
32) Benzene-d6	8.281	84	145185	5.484	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	43932	5.480	ug/L	0.00
41) Toluene-d8	10.323	98	129544	5.330	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	17079	5.018	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	13516	10.124	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	34064	5.264	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	44012	5.351	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	27008	4.250	ug/L	99
3) Chloromethane	2.215	50	29154	4.854	ug/L	97
5) Vinyl chloride	2.367	62	42907	4.773	ug/L	96
6) Bromomethane	2.788	94	24397	3.789	ug/L	95
8) Chloroethane	2.928	64	23650	4.475	ug/L	93
9) Trichlorofluoromethane	3.263	101	20988	4.263	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	34095	4.816	ug/L	95
12) 1,1-Dichloroethene	4.050	96	33042	4.736	ug/L	93
13) Acetone	4.129	43	11745	8.200	ug/L	91
14) Carbon disulfide	4.391	76	101979	4.610	ug/L	97
15) Methyl Acetate	4.678	43	14390	4.763	ug/L	98
16) Methylene chloride	4.928	84	50548	5.509	ug/L	92
17) trans-1,2-Dichloroethene	5.434	96	36096	4.769	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	43590	4.548	ug/L	96
19) 1,1-Dichloroethane	6.220	63	64058	4.767	ug/L	97
20) cis-1,2-Dichloroethene	7.177	96	37119	4.718	ug/L	98
22) 2-Butanone	7.177	43	18300	9.248	ug/L	95
23) Bromochloromethane	7.519	128	16649	4.823	ug/L	97
25) Chloroform	7.677	83	65404	4.813	ug/L	96
27) 1,2-Dichloroethane	8.403	62	41655	4.584	ug/L #	94
29) Cyclohexane	7.958	56	57903	4.827	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	48288	4.667	ug/L	99
31) Carbon tetrachloride	8.073	117	44214	4.594	ug/L	98
33) Benzene	8.330	78	150137	4.997	ug/L	100
34) Trichloroethene	9.092	95	37912	4.880	ug/L	93
35) Methylcyclohexane	9.335	83	65456	4.847	ug/L	95
37) 1,2-Dichloropropane	9.372	63	36724	4.992	ug/L	100
38) Bromodichloromethane	9.646	83	44297	4.695	ug/L	91
39) cis-1,3-Dichloropropene	10.073	75	51463	4.551	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	37200	8.662	ug/L	97
42) Toluene	10.390	91	155667	4.850	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	44290	4.470	ug/L	97

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

45) 1,1,2-Trichloroethane	10.786	97	26346	4.827	ug/L	96
46) Tetrachloroethene	10.866	164	29993	5.015	ug/L	92
48) 2-Hexanone	10.969	43	25966	9.009	ug/L	94
49) Dibromochloromethane	11.128	129	27467	4.535	ug/L	95
50) 1,2-Dibromoethane	11.238	107	24270	4.599	ug/L #	88
51) Chlorobenzene	11.658	112	96701	4.829	ug/L	96
52) Ethylbenzene	11.731	91	166558	4.716	ug/L	94
53) m,p-Xylene	11.841	106	63626	4.865	ug/L	98
54) o-Xylene	12.164	106	59342	4.788	ug/L	100
55) Styrene	12.182	104	100793	4.732	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	31517	4.728	ug/L	97
59) Bromoform	12.353	173	14961	4.261	ug/L	99
60) Isopropylbenzene	12.463	105	160273	4.631	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	23076	4.520	ug/L	96
62) 1,3,5-Trimethylbenzene	12.945	105	131273	4.618	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	130855	4.602	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	73685	4.875	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	73214	4.739	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	63022	4.636	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	5016	4.536	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	52701	4.854	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	42920	4.783	ug/L	100
71) Naphthalene	15.365	128	77328	4.374	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	36140	4.557	ug/L	95

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

