

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111521\
 Data File : VW020887.D
 Acq On : 15 Nov 2021 10:58
 Operator : SY/VA
 Sample : VSTD02521
 Misc : 5.00g/10.00mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025421

Quant Time: Nov 15 11:28:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Nov 15 11:26:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	127407	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	117147	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	65172	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	36954	29.030	ug/L	0.00
7) Chloroethane-d5	2.885	69	23731	31.956	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	69686	26.922	ug/L	0.00
21) 2-Butanone-d5	7.080	46	17744	45.905	ug/L	0.00
24) Chloroform-d	7.653	84	77514	26.672	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	38754	25.308	ug/L	0.00
32) Benzene-d6	8.274	84	151629	27.405	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	42583	25.395	ug/L	0.00
41) Toluene-d8	10.323	98	151386	27.834	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	20907	25.283	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	14918	46.035	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	33400	24.615	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	57271	27.003	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	8557	18.331	ug/L	95
3) Chloromethane	2.215	50	24050	18.912	ug/L	98
5) Vinyl chloride	2.361	62	45002	23.663	ug/L	98
6) Bromomethane	2.782	94	23336	23.190	ug/L	99
8) Chloroethane	2.922	64	18749	26.094	ug/L	97
9) Trichlorofluoromethane	3.257	101	26555	25.935	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	40561	24.222	ug/L	89
12) 1,1-Dichloroethene	4.043	96	37400	23.561	ug/L	78
13) Acetone	4.123	43	14013	39.699	ug/L	88
14) Carbon disulfide	4.391	76	95164	20.467	ug/L	98
15) Methyl Acetate	4.671	43	14237	22.804	ug/L	91
16) Methylene chloride	4.915	84	38215	20.610	ug/L	84
17) trans-1,2-Dichloroethene	5.433	96	39769	23.586	ug/L	83
18) Methyl tert-butyl Ether	5.427	73	63281	26.003	ug/L	93
19) 1,1-Dichloroethane	6.220	63	67250	23.103	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	43993	24.501	ug/L	81
22) 2-Butanone	7.171	43	20499	43.891	ug/L	90
23) Bromochloromethane	7.518	128	20723	24.891	ug/L #	68
25) Chloroform	7.677	83	74244	24.195	ug/L	98
27) 1,2-Dichloroethane	8.402	62	45175	23.003	ug/L	96
29) Cyclohexane	7.957	56	61152	21.011	ug/L	86
30) 1,1,1-Trichloroethane	7.878	97	68036	24.679	ug/L	93
31) Carbon tetrachloride	8.073	117	63367	24.326	ug/L	98
33) Benzene	8.323	78	157129	22.944	ug/L	100
34) Trichloroethene	9.091	95	44227	24.073	ug/L	91
35) Methylcyclohexane	9.335	83	71786	22.759	ug/L	86
37) 1,2-Dichloropropane	9.372	63	37238	23.051	ug/L #	95
38) Bromodichloromethane	9.646	83	53982	23.655	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	62733	23.735	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	45377	43.721	ug/L #	94
42) Toluene	10.390	91	179159	24.154	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	55576	23.245	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	30365	24.858	ug/L	92
46) Tetrachloroethene	10.865	164	42397	25.399	ug/L	94
48) 2-Hexanone	10.969	43	32308	42.912	ug/L #	94
49) Dibromochloromethane	11.128	129	40853	24.695	ug/L	99
50) 1,2-Dibromoethane	11.231	107	29100	23.750	ug/L #	99
51) Chlorobenzene	11.658	112	118410	24.619	ug/L	95
52) Ethylbenzene	11.731	91	200303	24.139	ug/L	97
53) m,p-Xylene	11.841	106	81323	24.447	ug/L	89
54) o-Xylene	12.164	106	77252	24.505	ug/L	94
55) Styrene	12.182	104	132110	24.611	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	33861	23.939	ug/L #	98
59) Bromoform	12.353	173	24600	22.870	ug/L	98
60) Isopropylbenzene	12.463	105	213686	24.169	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	24066	23.004	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.944	105	180503	23.846	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	181147	24.002	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	101139	24.537	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	99765	24.406	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	88756	24.471	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.487	75	5709	22.557	ug/L #	53
69) 1,3,5-Trichlorobenzene	14.627	180	84129	25.702	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	66401	24.390	ug/L	94
71) Naphthalene	15.365	128	113150	24.574	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	55133	23.897	ug/L	97

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

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