

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
 Data File : VW021831.D
 Acq On : 11 Jan 2022 13:51
 Operator : SY/VA
 Sample : VSTD05047
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050447

Quant Time: Jan 11 14:20:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 11 13:58:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	133801	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	132069	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	80680	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	133043	51.802	ug/L	0.00
7) Chloroethane-d5	2.885	69	123085	67.739	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	200691	52.354	ug/L	0.00
21) 2-Butanone-d5	7.092	46	35390	96.726	ug/L	0.00
24) Chloroform-d	7.647	84	225858	54.284	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	106271	49.369	ug/L	0.00
32) Benzene-d6	8.275	84	448929	56.273	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	117490	54.486	ug/L	0.00
41) Toluene-d8	10.323	98	455108	57.113	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	52642	52.186	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	34528	109.651	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	90552	52.338	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	169653	54.883	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	25279	35.425	ug/L	98
3) Chloromethane	2.209	50	81534	41.067	ug/L	98
5) Vinyl chloride	2.361	62	121608	41.588	ug/L	98
6) Bromomethane	2.782	94	81663	42.817	ug/L	97
8) Chloroethane	2.922	64	78359	54.300	ug/L	99
9) Trichlorofluoromethane	3.257	101	85571	46.330	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	100390	45.704	ug/L	90
12) 1,1-Dichloroethene	4.037	96	89721	45.531	ug/L	79
13) Acetone	4.159	43	22389	71.260	ug/L	85
14) Carbon disulfide	4.379	76	246356	44.302	ug/L	98
15) Methyl Acetate	4.690	43	25184	42.332	ug/L	# 82
16) Methylene chloride	4.921	84	90346	38.001	ug/L	77
17) trans-1,2-Dichloroethene	5.427	96	100243	47.799	ug/L	80
18) Methyl tert-butyl Ether	5.434	73	130869	46.262	ug/L	# 81
19) 1,1-Dichloroethane	6.220	63	148110	45.825	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	105210	48.582	ug/L	69
22) 2-Butanone	7.183	43	32927	78.643	ug/L	79
23) Bromochloromethane	7.519	128	51627	49.158	ug/L	# 56
25) Chloroform	7.677	83	174020	46.646	ug/L	99
27) 1,2-Dichloroethane	8.403	62	98673	41.830	ug/L	# 90
29) Cyclohexane	7.957	56	137090	44.965	ug/L	# 77
30) 1,1,1-Trichloroethane	7.872	97	160936	46.173	ug/L	# 92
31) Carbon tetrachloride	8.073	117	158050	46.388	ug/L	98
33) Benzene	8.323	78	365699	45.314	ug/L	100
34) Trichloroethene	9.091	95	107117	46.546	ug/L	87
35) Methylcyclohexane	9.335	83	178727	47.035	ug/L	# 80
37) 1,2-Dichloropropane	9.366	63	80649	45.082	ug/L	# 94
38) Bromodichloromethane	9.646	83	119111	44.437	ug/L	# 95
39) cis-1,3-Dichloropropene	10.073	75	137978	47.964	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	73988	78.956	ug/L	# 85
42) Toluene	10.390	91	429642	46.230	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	117830	46.228	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	69493	47.090	ug/L	92
46) Tetrachloroethene	10.859	164	105116	48.663	ug/L	96
48) 2-Hexanone	10.969	43	51732	82.089	ug/L #	86
49) Dibromochloromethane	11.128	129	93531	47.613	ug/L	95
50) 1,2-Dibromoethane	11.237	107	68596	46.902	ug/L #	96
51) Chlorobenzene	11.658	112	291964	47.981	ug/L #	88
52) Ethylbenzene	11.731	91	476464	45.727	ug/L	94
53) m,p-Xylene	11.841	106	200683	47.735	ug/L	86
54) o-Xylene	12.164	106	187756	47.348	ug/L	91
55) Styrene	12.176	104	314372	46.349	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	73086	45.605	ug/L #	99
59) Bromoform	12.347	173	54758	48.368	ug/L	96
60) Isopropylbenzene	12.463	105	516357	45.938	ug/L	93
61) 1,2,3-Trichloropropane	12.768	75	51167	42.549	ug/L #	88
62) 1,3,5-Trimethylbenzene	12.944	105	436961	46.185	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	431098	46.252	ug/L	93
64) 1,3-Dichlorobenzene	13.499	146	251144	46.987	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	247552	46.591	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	220309	47.501	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	9767	38.338	ug/L #	53
69) 1,3,5-Trichlorobenzene	14.627	180	191018	49.084	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	150665	48.859	ug/L	96
71) Naphthalene	15.359	128	242453	48.811	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	121611	46.492	ug/L	97

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

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