

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110621\
 Data File : VW020769.D
 Acq On : 05 Nov 2021 09:19
 Operator : SY/VA
 Sample : VSTD00514
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005414

Quant Time: Nov 08 03:44:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Nov 08 03:42:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	173922	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	158435	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	85058	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	9850	6.024	ug/L	0.00
7) Chloroethane-d5	2.885	69	5118	5.497	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	19379	5.646	ug/L	0.00
21) 2-Butanone-d5	7.080	46	5668	10.437	ug/L	0.00
24) Chloroform-d	7.653	84	21673	5.608	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	11469	5.575	ug/L	0.00
32) Benzene-d6	8.275	84	42042	5.873	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	12582	5.677	ug/L	0.00
41) Toluene-d8	10.323	98	41816	6.005	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	6058	5.511	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	4757	10.608	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	9642	5.250	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	15517	5.805	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	2404	3.390	ug/L	95
3) Chloromethane	2.215	50	9749	5.254	ug/L	99
5) Vinyl chloride	2.361	62	13453	5.026	ug/L	96
6) Bromomethane	2.776	94	7111	5.133	ug/L	93
8) Chloroethane	2.916	64	4427	4.498	ug/L	98
9) Trichlorofluoromethane	3.257	101	6693	4.715	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	11778	5.045	ug/L	92
12) 1,1-Dichloroethene	4.044	96	11270	5.065	ug/L	86
13) Acetone	4.123	43	5006	9.905	ug/L	99
14) Carbon disulfide	4.385	76	34786	5.179	ug/L	97
15) Methyl Acetate	4.672	43	4621	5.159	ug/L #	76
16) Methylene chloride	4.916	84	14127	5.485	ug/L	87
17) trans-1,2-Dichloroethene	5.428	96	11961	5.057	ug/L	87
18) Methyl tert-butyl Ether	5.434	73	17201	5.139	ug/L #	86
19) 1,1-Dichloroethane	6.220	63	20416	4.984	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	12582	5.046	ug/L	77
22) 2-Butanone	7.177	43	6155	9.165	ug/L	91
23) Bromochloromethane	7.513	128	5705	4.958	ug/L #	73
25) Chloroform	7.677	83	21387	5.015	ug/L	98
27) 1,2-Dichloroethane	8.403	62	13839	5.013	ug/L	97
29) Cyclohexane	7.952	56	21066	5.096	ug/L	92
30) 1,1,1-Trichloroethane	7.872	97	19498	5.179	ug/L	92
31) Carbon tetrachloride	8.067	117	18137	5.062	ug/L	98
33) Benzene	8.323	78	48541	5.116	ug/L	100
34) Trichloroethene	9.092	95	12891	5.104	ug/L	91
35) Methylcyclohexane	9.342	83	22525	5.111	ug/L	89
37) 1,2-Dichloropropane	9.372	63	11674	5.196	ug/L #	96
38) Bromodichloromethane	9.646	83	15843	5.038	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	18221	4.984	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	14826	10.098	ug/L #	96
42) Toluene	10.390	91	51390	5.037	ug/L	95
44) trans-1,3-Dichloropropene	10.604	75	16672	5.041	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	8539	5.122	ug/L	92
46) Tetrachloroethene	10.866	164	11587	5.115	ug/L	95
48) 2-Hexanone	10.969	43	10763	10.039	ug/L	98
49) Dibromochloromethane	11.128	129	11230	4.932	ug/L	96
50) 1,2-Dibromoethane	11.238	107	8464	5.007	ug/L #	96
51) Chlorobenzene	11.658	112	33329	5.064	ug/L	94
52) Ethylbenzene	11.731	91	57595	5.038	ug/L	96
53) m,p-Xylene	11.835	106	22736	4.964	ug/L	90
54) o-Xylene	12.164	106	21576	4.973	ug/L	97
55) Styrene	12.182	104	36222	4.911	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	10021	5.128	ug/L #	98
59) Bromoform	12.353	173	7210	5.011	ug/L	99
60) Isopropylbenzene	12.463	105	58792	5.015	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	7188	5.114	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.945	105	50674	5.030	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	51569	5.153	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	27568	5.072	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	27411	5.062	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	25293	5.268	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	1838	5.349	ug/L #	69
69) 1,3,5-Trichlorobenzene	14.627	180	22635	5.246	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	19235	5.348	ug/L	95
71) Naphthalene	15.365	128	30973	5.095	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	15755	5.155	ug/L	98

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

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