

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081821\
 Data File : VW019761.D
 Acq On : 18 Aug 2021 08:49
 Operator : SY/VA
 Sample : VSTD2.538
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5438

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 6:15:32 PM

Quant Time: Aug 18 10:29:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 18 10:29:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	353817	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	335177	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	165626	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	11369	2.042	ug/L	0.00
7) Chloroethane-d5	2.898	69	10980	2.214	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.026	63	21581	2.261	ug/L	0.00
21) 2-Butanone-d5	7.086	46	5332	5.206	ug/L	0.00
24) Chloroform-d	7.653	84	23291	2.390	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	12807	2.469	ug/L	0.00
32) Benzene-d6	8.281	84	43163	2.236	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	13562	2.349	ug/L	0.00
41) Toluene-d8	10.329	98	38184	2.177	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	4868	2.033	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	3370	4.351	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	11525	2.524	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	13721	2.461	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	7750	2.325	ug/L	98
3) Chloromethane	2.221	50	10064	2.213	ug/L	98
5) Vinyl chloride	2.367	62	14975	2.362	ug/L	99
6) Bromomethane	2.788	94	12697	2.697	ug/L	100
8) Chloroethane	2.928	64	10190	2.411	ug/L	99
9) Trichlorofluoromethane	3.270	101	9476	2.391	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	12196	2.550	ug/L	96
12) 1,1-Dichloroethene	4.050	96	11507	2.450	ug/L	96
13) Acetone	4.141	43	5663	6.381	ug/L	91
14) Carbon disulfide	4.397	76	36952	2.443	ug/L	99
15) Methyl Acetate	4.678	43	5319m	2.859	ug/L	
16) Methylene chloride	4.928	84	21946	3.045	ug/L	96
17) trans-1,2-Dichloroethene	5.440	96	12408	2.481	ug/L	81
18) Methyl tert-butyl Ether	5.428	73	13332m	2.410	ug/L	
19) 1,1-Dichloroethane	6.220	63	21983	2.503	ug/L	96
20) cis-1,2-Dichloroethene	7.177	96	11346	2.245	ug/L	98
22) 2-Butanone	7.183	43	5651	4.852	ug/L	96
23) Bromochloromethane	7.519	128	5633	2.476	ug/L	96
25) Chloroform	7.683	83	23295	2.566	ug/L	93
27) 1,2-Dichloroethane	8.403	62	15271	2.594	ug/L	99
29) Cyclohexane	7.964	56	16276	2.105	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	17983	2.406	ug/L	99
31) Carbon tetrachloride	8.067	117	16392	2.360	ug/L	98
33) Benzene	8.330	78	48559	2.390	ug/L	100
34) Trichloroethene	9.092	95	12714	2.420	ug/L	95
35) Methylcyclohexane	9.342	83	19197	2.123	ug/L	96
37) 1,2-Dichloropropane	9.372	63	12283	2.443	ug/L	98
38) Bromodichloromethane	9.646	83	15995	2.481	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	16055	2.165	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	11385	4.457	ug/L	98
42) Toluene	10.390	91	47862	2.231	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	13641	2.092	ug/L	89

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

45) 1,1,2-Trichloroethane	10.793	97	9168	2.532	ug/L	88
46) Tetrachloroethene	10.866	164	10017	2.504	ug/L	95
48) 2-Hexanone	10.975	43	7199	4.000	ug/L	92
49) Dibromochloromethane	11.134	129	9909	2.379	ug/L	99
50) 1,2-Dibromoethane	11.238	107	8037	2.366	ug/L #	98
51) Chlorobenzene	11.658	112	33556	2.447	ug/L	98
52) Ethylbenzene	11.731	91	50628	2.169	ug/L	99
53) m,p-Xylene	11.841	106	18779	2.103	ug/L	89
54) o-Xylene	12.170	106	17496	2.071	ug/L	80
55) Styrene	12.183	104	28026	1.943	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	10919	2.521	ug/L	93
59) Bromoform	12.353	173	5123	2.449	ug/L	98
60) Isopropylbenzene	12.463	105	45912	2.089	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	8060	2.630	ug/L	96
62) 1,3,5-Trimethylbenzene	12.945	105	33725	1.905	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	33287	1.865	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	23650	2.387	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	24914	2.441	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	20825	2.319	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	1797	2.744	ug/L	82
69) 1,3,5-Trichlorobenzene	14.627	180	16134	2.348	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	11971	2.247	ug/L	99
71) Naphthalene	15.365	128	20333	1.988	ug/L	97
72) 1,2,3-Trichlorobenzene	15.548	180	10541	2.128	ug/L	99

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

