

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081121\
 Data File : VW019707.D
 Acq On : 11 Aug 2021 11:57
 Operator : SY/VA
 Sample : VSTD02526
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025426

Manual Integrations
 APPROVED

MMDadoda
 8/12/2021 4:53:01 PM

Quant Time: Aug 11 12:46:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 11 12:44:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	314988	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	301319	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	218196	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	113240	25.836	ug/L	0.00
7) Chloroethane-d5	2.897	69	115312	33.647	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.031	63	194908	23.332	ug/L	0.00
21) 2-Butanone-d5	7.098	46	66673	51.021	ug/L	0.00
24) Chloroform-d	7.659	84	234165	26.655	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	133127	27.348	ug/L	0.00
32) Benzene-d6	8.281	84	444906	25.010	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.280	67	138032	24.892	ug/L	0.00
41) Toluene-d8	10.329	98	399137	24.869	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	60926	25.614	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	55379	53.037	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	176799	35.169	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	200883	25.707	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	91892	24.215	ug/L	95
3) Chloromethane	2.215	50	99294	25.592	ug/L	100
5) Vinyl chloride	2.367	62	156256	28.843	ug/L	94
6) Bromomethane	2.788	94	102942	32.852	ug/L	99
8) Chloroethane	2.934	64	109439	35.379	ug/L	96
9) Trichlorofluoromethane	3.269	101	92727	28.294	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	114282	27.538	ug/L	95
12) 1,1-Dichloroethene	4.050	96	106945	26.198	ug/L	93
13) Acetone	4.165	43	57862m	57.358	ug/L	
14) Carbon disulfide	4.397	76	297345	23.423	ug/L	99
15) Methyl Acetate	4.696	43	51980	24.732	ug/L	97
16) Methylene chloride	4.928	84	133559	21.217	ug/L	95
17) trans-1,2-Dichloroethene	5.434	96	114556	25.801	ug/L	99
18) Methyl tert-butyl Ether	5.440	73	171852	27.551	ug/L	97
19) 1,1-Dichloroethane	6.226	63	216626	26.411	ug/L	99
20) cis-1,2-Dichloroethene	7.177	96	126943	26.822	ug/L	100
22) 2-Butanone	7.189	43	78633	52.299	ug/L	100
23) Bromochloromethane	7.519	128	60559	28.041	ug/L	93
25) Chloroform	7.683	83	228777	27.790	ug/L	100
27) 1,2-Dichloroethane	8.403	62	155391	27.978	ug/L	98
29) Cyclohexane	7.964	56	177180	23.805	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	179526	28.356	ug/L	99
31) Carbon tetrachloride	8.073	117	167344	28.382	ug/L	98
33) Benzene	8.329	78	494317	26.291	ug/L	100
34) Trichloroethene	9.098	95	124800	26.033	ug/L	92
35) Methylcyclohexane	9.341	83	211121	25.275	ug/L	99
37) 1,2-Dichloropropane	9.372	63	125329	26.279	ug/L	99
38) Bromodichloromethane	9.646	83	166952	27.840	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	195406	26.774	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	157467	52.220	ug/L	97
42) Toluene	10.390	91	543174	27.553	ug/L	99
44) trans-1,3-Dichloropropene	10.609	75	179259	27.675	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	99952	27.674	ug/L	98
46) Tetrachloroethene	10.866	164	99546	26.891	ug/L	98
48) 2-Hexanone	10.969	43	123103	58.383	ug/L	95
49) Dibromochloromethane	11.128	129	117536	29.754	ug/L	98
50) 1,2-Dibromoethane	11.237	107	95270	27.583	ug/L	100
51) Chlorobenzene	11.658	112	346994	27.730	ug/L	97
52) Ethylbenzene	11.731	91	601912	27.903	ug/L	96
53) m,p-Xylene	11.841	106	238100	28.906	ug/L	99
54) o-Xylene	12.164	106	258983	32.225	ug/L	93
55) Styrene	12.182	104	456117	32.657	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	172922	35.717	ug/L	99
59) Bromoform	12.353	173	84706	26.985	ug/L	97
60) Isopropylbenzene	12.463	105	813198	27.543	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	130106	26.813	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	678006	27.618	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	690799	27.811	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	358262	26.616	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	356490	26.593	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	330998	27.020	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	28952	27.299	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	255022	26.059	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	209239	25.679	ug/L	98
71) Naphthalene	15.365	128	447771	27.080	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	197031	26.652	ug/L	98

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

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