

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091421\
 Data File : VW020011.D
 Acq On : 14 Sep 2021 14:21
 Operator : SY/VA
 Sample : VSTD2.544
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5444

Manual Integrations
 APPROVED

MMDadoda
 9/17/2021 2:31:15 PM

Quant Time: Sep 14 15:53:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 14 15:49:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	293795	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	274958	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	137355	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	10679	2.296	ug/L	0.00
7) Chloroethane-d5	2.897	69	10074	2.476	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	18325	2.311	ug/L	0.00
21) 2-Butanone-d5	7.092	46	6314	6.310	ug/L	0.01
24) Chloroform-d	7.647	84	20126	2.503	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	11811	2.672	ug/L	0.00
32) Benzene-d6	8.281	84	35543	2.289	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	10709	2.298	ug/L	0.00
41) Toluene-d8	10.329	98	32007	2.242	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.585	79	4307	2.195	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	3449	4.792	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	10472	2.635	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	10647	2.250	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	7909	2.672	ug/L	96
3) Chloromethane	2.215	50	11999	3.263	ug/L	94
5) Vinyl chloride	2.367	62	17459	3.106	ug/L	99
6) Bromomethane	2.788	94	12911	3.130	ug/L	97
8) Chloroethane	2.928	64	10275	2.824	ug/L	96
9) Trichlorofluoromethane	3.263	101	9449	2.652	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	11015m	2.659	ug/L	
12) 1,1-Dichloroethene	4.044	96	10030	2.489	ug/L	91
13) Acetone	4.129	43	9208	10.526	ug/L	89
14) Carbon disulfide	4.391	76	34995	2.707	ug/L	100
15) Methyl Acetate	4.684	43	6055m	3.378	ug/L	
16) Methylene chloride	4.921	84	22639	4.450	ug/L	93
17) trans-1,2-Dichloroethene	5.434	96	10427	2.471	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	12491	2.534	ug/L #	80
19) 1,1-Dichloroethane	6.220	63	19443	2.601	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	10501	2.468	ug/L	86
22) 2-Butanone	7.171	43	9578m	8.436	ug/L	
23) Bromochloromethane	7.512	128	5414	2.808	ug/L	93
25) Chloroform	7.677	83	21019	2.708	ug/L	96
27) 1,2-Dichloroethane	8.403	62	13809	2.689	ug/L #	95
29) Cyclohexane	7.964	56	13583	2.102	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	17663	2.841	ug/L	98
31) Carbon tetrachloride	8.073	117	16771	2.872	ug/L	95
33) Benzene	8.323	78	41515	2.455	ug/L	100
34) Trichloroethene	9.098	95	11258	2.554	ug/L	94
35) Methylcyclohexane	9.335	83	17260	2.285	ug/L	94
37) 1,2-Dichloropropane	9.372	63	10513	2.520	ug/L #	97
38) Bromodichloromethane	9.646	83	14303	2.630	ug/L	94
39) cis-1,3-Dichloropropene	10.079	75	14099	2.291	ug/L	96
40) 4-Methyl-2-pentanone	10.213	43	13614	5.714	ug/L	98
42) Toluene	10.390	91	40376	2.245	ug/L	95
44) trans-1,3-Dichloropropene	10.609	75	13401	2.429	ug/L	96

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

45) 1,1,2-Trichloroethane	10.786	97	8405	2.731	ug/L	98
46) Tetrachloroethene	10.859	164	8934	2.664	ug/L	93
48) 2-Hexanone	10.969	43	8664	5.142	ug/L	96
49) Dibromochloromethane	11.134	129	9202	2.610	ug/L	96
50) 1,2-Dibromoethane	11.237	107	8033	2.749	ug/L #	99
51) Chlorobenzene	11.658	112	30488	2.665	ug/L	96
52) Ethylbenzene	11.731	91	45095	2.324	ug/L	97
53) m,p-Xylene	11.841	106	16176	2.169	ug/L	95
54) o-Xylene	12.164	106	14399	2.048	ug/L	88
55) Styrene	12.182	104	24344	2.019	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	11121	2.884	ug/L #	99
59) Bromoform	12.347	173	5401	2.832	ug/L #	98
60) Isopropylbenzene	12.463	105	39381	2.105	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	8248	2.911	ug/L	95
62) 1,3,5-Trimethylbenzene	12.944	105	30842	2.060	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	29559	1.964	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	20838	2.469	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	22966	2.679	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	18468	2.425	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	1962	3.078	ug/L #	86
69) 1,3,5-Trichlorobenzene	14.627	180	13710	2.377	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	10363	2.317	ug/L	96
71) Naphthalene	15.365	128	18810	2.070	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	9651	2.328	ug/L	97

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

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