

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091421\
 Data File : VW020014.D
 Acq On : 14 Sep 2021 15:33
 Operator : SY/VA
 Sample : VSTD05047
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050447

Quant Time: Sep 14 15:55:31 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	340250	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	328269	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	177094	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	297101	55.164	ug/L	0.00
7) Chloroethane-d5	2.898	69	245374	52.082	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.031	63	474266	51.654	ug/L	0.00
21) 2-Butanone-d5	7.080	46	102366	88.339	ug/L	0.00
24) Chloroform-d	7.653	84	470739	50.546	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	259458	50.677	ug/L	0.00
32) Benzene-d6	8.281	84	919369	49.586	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	267114	48.020	ug/L	0.00
41) Toluene-d8	10.329	98	884720	51.910	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	126263	53.889	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	86150	100.262	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	220918	46.559	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	297483	48.763	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.020	85	181008	52.807	ug/L	94
3) Chloromethane	2.221	50	211494	49.665	ug/L	100
5) Vinyl chloride	2.373	62	348860	53.589	ug/L	97
6) Bromomethane	2.788	94	233992	48.977	ug/L	97
8) Chloroethane	2.934	64	212758	50.495	ug/L	98
9) Trichlorofluoromethane	3.269	101	217155	52.631	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	238459	49.698	ug/L	96
12) 1,1-Dichloroethene	4.044	96	229267	49.118	ug/L #	78
13) Acetone	4.123	43	86016	84.899	ug/L	93
14) Carbon disulfide	4.391	76	737098	49.240	ug/L	99
15) Methyl Acetate	4.678	43	85309	41.097	ug/L	100
16) Methylene chloride	4.922	84	227808	38.662	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	237881	48.667	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	290925	50.962	ug/L	99
19) 1,1-Dichloroethane	6.226	63	421088	48.635	ug/L	97
20) cis-1,2-Dichloroethene	7.177	96	252032	51.144	ug/L	98
22) 2-Butanone	7.171	43	117900	89.661	ug/L	99
23) Bromochloromethane	7.525	128	108032	48.375	ug/L	92
25) Chloroform	7.683	83	438917	48.822	ug/L	99
27) 1,2-Dichloroethane	8.403	62	294273	49.486	ug/L	99
29) Cyclohexane	7.964	56	396733	51.425	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	369273	49.748	ug/L	100
31) Carbon tetrachloride	8.073	117	356037	51.060	ug/L	100
33) Benzene	8.329	78	970542	48.070	ug/L	100
34) Trichloroethene	9.092	95	258085	49.040	ug/L	94
35) Methylcyclohexane	9.335	83	469479	52.058	ug/L	98
37) 1,2-Dichloropropane	9.372	63	233357	46.851	ug/L	100
38) Bromodichloromethane	9.646	83	321009	49.434	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	382398	52.048	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	259618	91.277	ug/L	99
42) Toluene	10.390	91	1093167	50.905	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	343152	52.088	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	171048	46.544	ug/L	98
46) Tetrachloroethene	10.866	164	200179	49.991	ug/L	93
48) 2-Hexanone	10.969	43	185183	92.050	ug/L	98
49) Dibromochloromethane	11.128	129	213256	50.668	ug/L	98
50) 1,2-Dibromoethane	11.238	107	160565	46.023	ug/L	93
51) Chlorobenzene	11.658	112	666588	48.798	ug/L	98
52) Ethylbenzene	11.731	91	1213928	52.406	ug/L	94
53) m,p-Xylene	11.841	106	479857	53.884	ug/L	96
54) o-Xylene	12.170	106	460970	54.904	ug/L	95
55) Styrene	12.182	104	792358	55.047	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	207623	45.101	ug/L	99
59) Bromoform	12.353	173	121765	49.522	ug/L	99
60) Isopropylbenzene	12.463	105	1262048	52.311	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	156035	42.709	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	1077578	55.823	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	1068482	55.068	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	540897	49.700	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	550081	49.766	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	469890	47.856	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.487	75	35165	42.790	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	384238	51.663	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	304406	52.789	ug/L	99
71) Naphthalene	15.365	128	578222	49.348	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	268528	50.231	ug/L	98

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

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