

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091421\
 Data File : VW020015.D
 Acq On : 14 Sep 2021 15:57
 Operator : SY/VA
 Sample : VSTD10048
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100448

Quant Time: Sep 14 16:14:27 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	8.847	114	339265	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	337730	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	179530	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	600911	111.897	ug/L	0.00
7) Chloroethane-d5	2.891	69	496345	105.659	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.031	63	977474	106.768	ug/L	0.00
21) 2-Butanone-d5	7.079	46	351797	304.473	ug/L	0.00
24) Chloroform-d	7.652	84	976554	105.163	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	587178	115.019	ug/L	0.00
32) Benzene-d6	8.280	84	1891695	99.170	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	568327	99.307	ug/L	0.00
41) Toluene-d8	10.329	98	1849815	105.495	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	300149	124.516	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	283290	320.460	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	592920	121.459	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	658545	106.483	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	357087	104.479	ug/L	99
3) Chloromethane	2.227	50	434434	102.313	ug/L	99
5) Vinyl chloride	2.373	62	645531	99.448	ug/L	97
6) Bromomethane	2.781	94	445144	93.445	ug/L	99
8) Chloroethane	2.928	64	397745	94.673	ug/L	98
9) Trichlorofluoromethane	3.269	101	425884	103.519	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	445429	93.104	ug/L	97
12) 1,1-Dichloroethene	4.049	96	436568	93.801	ug/L	88
13) Acetone	4.123	43	234132	231.763	ug/L	94
14) Carbon disulfide	4.391	76	1406872	94.255	ug/L	99
15) Methyl Acetate	4.671	43	249113	120.356	ug/L	99
16) Methylene chloride	4.921	84	432036	73.534	ug/L	99
17) trans-1,2-Dichloroethene	5.433	96	454977	93.353	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	628583	110.431	ug/L	99
19) 1,1-Dichloroethane	6.226	63	803831	93.110	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	483625	98.425	ug/L	98
22) 2-Butanone	7.171	43	345591	263.580	ug/L	99
23) Bromochloromethane	7.518	128	219842	98.727	ug/L	95
25) Chloroform	7.683	83	825114	92.047	ug/L	98
27) 1,2-Dichloroethane	8.402	62	602607	101.631	ug/L	99
29) Cyclohexane	7.963	56	745822	93.966	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	697800	91.374	ug/L	99
31) Carbon tetrachloride	8.073	117	667966	93.111	ug/L	100
33) Benzene	8.329	78	1799043	86.609	ug/L	100
34) Trichloroethene	9.091	95	477635	88.215	ug/L	93
35) Methylcyclohexane	9.341	83	856518	92.314	ug/L	99
37) 1,2-Dichloropropane	9.372	63	438393	85.551	ug/L	99
38) Bromodichloromethane	9.646	83	625546	93.633	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	767404	101.526	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	719139	245.754	ug/L	98
42) Toluene	10.390	91	2040675	92.365	ug/L	94
44) trans-1,3-Dichloropropene	10.609	75	724208	106.849	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	371125	98.158	ug/L	97
46) Tetrachloroethene	10.865	164	371069	90.072	ug/L	95
48) 2-Hexanone	10.969	43	525592	253.941	ug/L	97
49) Dibromochloromethane	11.127	129	443088	102.325	ug/L	96
50) 1,2-Dibromoethane	11.237	107	378767	105.525	ug/L	99
51) Chlorobenzene	11.658	112	1270309	90.389	ug/L	97
52) Ethylbenzene	11.731	91	2295913	96.340	ug/L	98
53) m,p-Xylene	11.841	106	906985	98.993	ug/L	96
54) o-Xylene	12.170	106	878078	101.654	ug/L	92
55) Styrene	12.182	104	1543756	104.245	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	506930	107.032	ug/L	97
59) Bromoform	12.353	173	285988	114.733	ug/L	96
60) Isopropylbenzene	12.463	105	2408055	98.458	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	394910	106.625	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	2002848	102.348	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	2005176	101.942	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	1010439	91.583	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	994149	88.721	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	933535	93.786	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	98814	118.610	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	670136	88.882	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	571168	97.706	ug/L	98
71) Naphthalene	15.365	128	1448216	121.920	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	548564	101.222	ug/L	97

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

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