

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091421\
 Data File : VW020018.D
 Acq On : 14 Sep 2021 18:20
 Operator : SY/VA
 Sample : VSTD00550
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005450

Quant Time: Sep 15 03:07:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 15 03:02:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	285366	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	266063	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	133780	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	20387	4.341	ug/L	0.00
7) Chloroethane-d5	2.885	69	19890	4.911	ug/L	-0.01
11) 1,1-Dichloroethene-d2	4.038	63	34466	4.536	ug/L	0.00
21) 2-Butanone-d5	7.092	46	13724	11.274	ug/L	0.01
24) Chloroform-d	7.653	84	38514	4.948	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	23152	5.071	ug/L	0.00
32) Benzene-d6	8.275	84	70411	4.864	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	21160	4.997	ug/L	0.00
41) Toluene-d8	10.323	98	63572	4.656	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	8644	4.381	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	8720	10.393	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	22065	5.338	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	22030	4.977	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	14102	4.601	ug/L	98
3) Chloromethane	2.215	50	21351	5.474	ug/L	95
5) Vinyl chloride	2.367	62	32541	5.256	ug/L	100
6) Bromomethane	2.782	94	24042	5.563	ug/L	96
8) Chloroethane	2.928	64	20674	5.483	ug/L	98
9) Trichlorofluoromethane	3.263	101	17734	4.806	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	21072	5.148	ug/L	97
12) 1,1-Dichloroethene	4.050	96	19236	5.017	ug/L	90
13) Acetone	4.141	43	14289	11.957	ug/L	94
14) Carbon disulfide	4.391	76	63415	4.991	ug/L	98
15) Methyl Acetate	4.684	43	12160	5.909	ug/L	100
16) Methylene chloride	4.928	84	29395	5.583	ug/L	92
17) trans-1,2-Dichloroethene	5.428	96	20928	5.208	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	25166	5.096	ug/L	97
19) 1,1-Dichloroethane	6.220	63	37650	5.260	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	20669	4.993	ug/L	98
22) 2-Butanone	7.177	43	16891	11.311	ug/L	96
23) Bromochloromethane	7.519	128	9907	5.135	ug/L	94
25) Chloroform	7.677	83	39727	5.291	ug/L	97
27) 1,2-Dichloroethane	8.403	62	27754	5.325	ug/L	98
29) Cyclohexane	7.958	56	28301	4.795	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	33174	5.308	ug/L	99
31) Carbon tetrachloride	8.073	117	29844	5.049	ug/L	98
33) Benzene	8.330	78	84042	5.327	ug/L	100
34) Trichloroethene	9.098	95	22032	5.262	ug/L	97
35) Methylcyclohexane	9.342	83	34538	4.873	ug/L	96
37) 1,2-Dichloropropane	9.372	63	20203	5.226	ug/L	97
38) Bromodichloromethane	9.646	83	26479	5.034	ug/L	92
39) cis-1,3-Dichloropropene	10.079	75	28484	4.848	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	30511	11.521	ug/L	99
42) Toluene	10.390	91	85558	5.080	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	27537	5.028	ug/L	99

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

45) 1,1,2-Trichloroethane	10.786	97	16837	5.499	ug/L	96
46) Tetrachloroethene	10.866	164	17051	5.159	ug/L	90
48) 2-Hexanone	10.969	43	21976	11.684	ug/L	98
49) Dibromochloromethane	11.128	129	18102	5.113	ug/L	98
50) 1,2-Dibromoethane	11.238	107	16202	5.422	ug/L	94
51) Chlorobenzene	11.658	112	56697	5.158	ug/L	98
52) Ethylbenzene	11.731	91	90941	4.933	ug/L	99
53) m,p-Xylene	11.841	106	33947	4.795	ug/L	90
54) o-Xylene	12.170	106	31001	4.683	ug/L	97
55) Styrene	12.183	104	53032	4.648	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	22177	5.492	ug/L	95
59) Bromoform	12.353	173	10225	5.057	ug/L	99
60) Isopropylbenzene	12.469	105	84460	4.851	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	17809	5.979	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	65913	4.617	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	63424	4.520	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	41116	5.106	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	42586	5.155	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	38274	5.320	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.487	75	4305	6.030	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	28939	5.300	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	21809	5.057	ug/L	98
71) Naphthalene	15.365	128	44450	4.941	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	20870	5.174	ug/L	99

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

