

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100821\
 Data File : VW020403.D
 Acq On : 08 Oct 2021 11:56
 Operator : SY/VA
 Sample : VSTD10080
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100480

Quant Time: Oct 08 12:14:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 08 12:10:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	214485	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	202423	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	102648	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	311365	105.485	ug/L	0.00
7) Chloroethane-d5	2.879	69	195793	148.645	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	649065	106.203	ug/L	0.00
21) 2-Butanone-d5	7.086	46	221739	276.237	ug/L	0.00
24) Chloroform-d	7.653	84	677003	108.009	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	386405	110.668	ug/L	0.00
32) Benzene-d6	8.275	84	1316399	105.931	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	430154	108.517	ug/L	0.00
41) Toluene-d8	10.323	98	1220208	108.482	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	191607	118.261	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	166305	290.658	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	333218	116.824	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	396627	107.588	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	197426	162.769	ug/L	97
3) Chloromethane	2.209	50	305614	106.056	ug/L	97
5) Vinyl chloride	2.361	62	395803	99.883	ug/L	98
6) Bromomethane	2.770	94	182871	115.523	ug/L	95
8) Chloroethane	2.916	64	172679	141.941	ug/L	96
9) Trichlorofluoromethane	3.251	101	228449	109.172	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	319841	99.550	ug/L	99
12) 1,1-Dichloroethene	4.038	96	309519	102.527	ug/L	88
13) Acetone	4.129	43	190029	234.262	ug/L	98
14) Carbon disulfide	4.385	76	976225	98.785	ug/L	99
15) Methyl Acetate	4.678	43	176101	117.475	ug/L	100
16) Methylene chloride	4.916	84	316364	80.192	ug/L	94
17) trans-1,2-Dichloroethene	5.422	96	322486	101.806	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	488037	115.981	ug/L	100
19) 1,1-Dichloroethane	6.220	63	644016	101.487	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	349349	107.205	ug/L	100
22) 2-Butanone	7.177	43	258132	255.108	ug/L	99
23) Bromochloromethane	7.519	128	143151	102.630	ug/L	99
25) Chloroform	7.677	83	617993	101.765	ug/L	99
27) 1,2-Dichloroethane	8.403	62	423198	102.828	ug/L	100
29) Cyclohexane	7.958	56	644952	105.856	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	488972	99.389	ug/L	98
31) Carbon tetrachloride	8.073	117	431003	100.137	ug/L	98
33) Benzene	8.330	78	1369128	96.108	ug/L	100
34) Trichloroethene	9.092	95	343678	97.925	ug/L	96
35) Methylcyclohexane	9.335	83	627892	102.238	ug/L	100
37) 1,2-Dichloropropane	9.372	63	358781	100.147	ug/L	99
38) Bromodichloromethane	9.646	83	442890	101.895	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	566673	111.983	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	518244	253.319	ug/L	99
42) Toluene	10.390	91	1431081	99.672	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	496169	112.213	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	235912	102.491	ug/L	96
46) Tetrachloroethene	10.866	164	251910	97.676	ug/L	93
48) 2-Hexanone	10.969	43	380248	254.124	ug/L	98
49) Dibromochloromethane	11.128	129	274746	107.125	ug/L	98
50) 1,2-Dibromoethane	11.238	107	224602	106.054	ug/L	96
51) Chlorobenzene	11.658	112	874668	100.055	ug/L	97
52) Ethylbenzene	11.731	91	1610843	102.415	ug/L	100
53) m,p-Xylene	11.841	106	601878	103.803	ug/L	94
54) o-Xylene	12.164	106	576802	106.157	ug/L	98
55) Styrene	12.182	104	1008838	108.148	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	303118	109.638	ug/L	97
59) Bromoform	12.353	173	151530	107.254	ug/L	99
60) Isopropylbenzene	12.463	105	1579545	101.909	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	226648	106.199	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	1350081	107.765	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	1316282	104.915	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	647046	99.114	ug/L	100
65) 1,4-Dichlorobenzene	13.579	146	645953	97.717	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	585807	100.130	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	51550	113.032	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	457875	98.884	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	395975	108.536	ug/L	98
71) Naphthalene	15.365	128	786996	122.252	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	337009	105.784	ug/L	99

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

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