

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120822\
 Data File : VW025121.D
 Acq On : 08 Dec 2022 09:32
 Operator : SY/MD
 Sample : VSTD2.573
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5473

Quant Time: Dec 08 11:10:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 23 04:05:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	447076	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	394391	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	189837	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	13129	2.390	ug/L	-0.01
7) Chloroethane-d5	2.885	69	8193	2.282	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	28716	2.429	ug/L	0.00
21) 2-Butanone-d5	7.080	46	7268m	6.367	ug/L	0.00
24) Chloroform-d	7.653	84	30512	2.645	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	15565	2.732	ug/L	0.00
32) Benzene-d6	8.275	84	58993	2.481	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	17598	2.560	ug/L	0.00
41) Toluene-d8	10.323	98	52305	2.423	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	7251	2.614	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	4613	5.282	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	13666	2.992	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	17298	2.673	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	5503	4.129	ug/L	98
3) Chloromethane	2.209	50	12729	2.578	ug/L	98
5) Vinyl chloride	2.355	62	15175	2.268	ug/L	99
6) Bromomethane	2.782	94	8345	2.566	ug/L	92
8) Chloroethane	2.922	64	6858	2.225	ug/L	99
9) Trichlorofluoromethane	3.257	101	10848	2.149	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	15352	2.540	ug/L #	34
12) 1,1-Dichloroethene	4.038	96	14369	2.435	ug/L	85
13) Acetone	4.123	43	7591	6.206	ug/L	66
14) Carbon disulfide	4.385	76	46989	2.375	ug/L	100
15) Methyl Acetate	4.684	43	6084m	3.049	ug/L	
16) Methylene chloride	4.916	84	24720	3.113	ug/L	93
17) trans-1,2-Dichloroethene	5.422	96	14631	2.334	ug/L	89
18) Methyl tert-butyl Ether	5.428	73	22432	2.700	ug/L #	88
19) 1,1-Dichloroethane	6.214	63	27066	2.450	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	15667	2.413	ug/L	96
22) 2-Butanone	7.177	43	9605	6.233	ug/L	96
23) Bromochloromethane	7.525	128	6873	2.610	ug/L	77
25) Chloroform	7.677	83	27781	2.513	ug/L	96
27) 1,2-Dichloroethane	8.403	62	17886	2.680	ug/L	100
29) Cyclohexane	7.952	56	23756	2.188	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	23484	2.449	ug/L	97
31) Carbon tetrachloride	8.067	117	22282	2.560	ug/L	99
33) Benzene	8.323	78	63068	2.479	ug/L	100
34) Trichloroethene	9.092	95	16056	2.408	ug/L	90
35) Methylcyclohexane	9.335	83	28226	2.340	ug/L	98
37) 1,2-Dichloropropane	9.366	63	15203	2.483	ug/L	98
38) Bromodichloromethane	9.646	83	19660	2.514	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	20953	2.284	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	15242	5.636	ug/L	99
42) Toluene	10.384	91	63066	2.351	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	18508	2.470	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	11096	2.708	ug/L	97
46) Tetrachloroethene	10.866	164	12385	2.497	ug/L	88
48) 2-Hexanone	10.969	43	11079	5.671	ug/L	95
49) Dibromochloromethane	11.128	129	13330	2.723	ug/L	93
50) 1,2-Dibromoethane	11.238	107	10060	2.644	ug/L #	98
51) Chlorobenzene	11.652	112	41887	2.517	ug/L	95
52) Ethylbenzene	11.731	91	70320	2.329	ug/L	97
53) m,p-Xylene	11.841	106	26329	2.273	ug/L	98
54) o-Xylene	12.164	106	24933	2.305	ug/L	97
55) Styrene	12.176	104	41624	2.296	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	12810	2.832	ug/L	96
59) Bromoform	12.341	173	6538	2.687	ug/L	99
60) Isopropylbenzene	12.463	105	66092	2.152	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	9552	2.813	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	56176	2.140	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	54073	2.136	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	31161	2.507	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	30753	2.497	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	26744	2.485	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	2385	3.497	ug/L	91
69) 1,3,5-Trichlorobenzene	14.621	180	21026	2.629	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	15942	2.690	ug/L	98
71) Naphthalene	15.359	128	30402	2.799	ug/L	99
72) 1,2,3-Trichlorobenzene	15.542	180	15034	3.042	ug/L	98

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

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