

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060324\
 Data File : VW028955.D
 Acq On : 03 Jun 2024 10:55
 Operator : SY/MD
 Sample : VSTD10044
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100444

Quant Time: Jun 04 01:53:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 04 01:36:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	348301	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	326091	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	154194	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	538780	97.372	ug/L	0.00
7) Chloroethane-d5	2.893	69	421084	99.237	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	249949	102.776	ug/L	0.00
21) 2-Butanone-d5	7.069	46	251336	219.426	ug/L	-0.01
24) Chloroform-d	7.648	84	984275	99.054	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	511551	97.786	ug/L	0.00
32) Benzene-d6	8.276	84	1975024	98.679	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	596002	98.214	ug/L	0.00
41) Toluene-d8	10.325	98	1821066	101.960	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	248655	106.636	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	185791	232.005	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	418397	99.246	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	563980	103.072	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	332313	85.262	ug/L	98
3) Chloromethane	2.229	50	478647	98.507	ug/L	99
5) Vinyl chloride	2.375	62	530649	90.221	ug/L	100
6) Bromomethane	2.789	94	329181	93.410	ug/L	97
8) Chloroethane	2.930	64	329467	92.754	ug/L	99
9) Trichlorofluoromethane	3.265	101	494304	101.102	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	454646	95.197	ug/L	# 67
12) 1,1-Dichloroethene	4.045	96	434610	98.717	ug/L	97
13) Acetone	4.118	43	241396	203.754	ug/L	99
14) Carbon disulfide	4.387	76	1447733	97.128	ug/L	99
15) Methyl Acetate	4.667	43	211234	103.632	ug/L	100
16) Methylene chloride	4.917	84	449153	85.922	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	477494	99.475	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	704224	105.207	ug/L	99
19) 1,1-Dichloroethane	6.216	63	923698	97.877	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	520817	103.494	ug/L	99
22) 2-Butanone	7.167	43	312595	220.221	ug/L	98
23) Bromochloromethane	7.520	128	216052	98.352	ug/L	90
25) Chloroform	7.679	83	891345	97.245	ug/L	96
27) 1,2-Dichloroethane	8.398	62	597504	97.274	ug/L	100
29) Cyclohexane	7.959	56	857938	105.818	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	731644	96.836	ug/L	98
31) Carbon tetrachloride	8.069	117	674117	97.954	ug/L	96
33) Benzene	8.319	78	1966003	96.961	ug/L	100
34) Trichloroethene	9.093	95	521846	97.895	ug/L	94
35) Methylcyclohexane	9.337	83	921015	101.849	ug/L	98
37) 1,2-Dichloropropane	9.368	63	513151	96.644	ug/L	99
38) Bromodichloromethane	9.642	83	635522	98.139	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	838654	108.683	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	609714	225.758	ug/L	99
42) Toluene	10.386	91	2060667	99.484	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	669228	107.577	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	345093	96.233	ug/L	97
46) Tetrachloroethene	10.861	164	394742	97.467	ug/L	87
48) 2-Hexanone	10.965	43	457792	226.083	ug/L	100
49) Dibromochloromethane	11.123	129	383455	101.239	ug/L	99
50) 1,2-Dibromoethane	11.233	107	333023	101.731	ug/L	96
51) Chlorobenzene	11.654	112	1300279	97.721	ug/L	96
52) Ethylbenzene	11.727	91	2374139	100.879	ug/L	95
53) m,p-Xylene	11.837	106	904116	103.718	ug/L	93
54) o-Xylene	12.160	106	861330	106.712	ug/L	98
55) Styrene	12.178	104	1459522	104.882	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	408850	100.996	ug/L	99
59) Bromoform	12.349	173	224593	113.273	ug/L	99
60) Isopropylbenzene	12.458	105	2322403	106.424	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	297712	102.358	ug/L	98
62) 1,3,5-Trimethylbenzene	12.934	105	1765705	111.249	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1873442	111.689	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	963298	102.721	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	962487	98.270	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	837682	99.664	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	65216	105.198	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	651877	101.241	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	534394	102.403	ug/L	99
71) Naphthalene	15.354	128	1037110	116.641	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	443065	99.373	ug/L	99

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

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