

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020524\
 Data File : VW027947.D
 Acq On : 05 Feb 2024 11:34
 Operator : SY/MD
 Sample : VSTD10014
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100414

Quant Time: Feb 06 02:02:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 06 02:00:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	308524	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	277799	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	144182	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	364544	100.883	ug/L	0.00
7) Chloroethane-d5	2.899	69	289780	105.729	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	158105	102.256	ug/L	0.00
21) 2-Butanone-d5	7.088	46	124053	220.475	ug/L	0.00
24) Chloroform-d	7.648	84	724946	100.492	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	324994	99.749	ug/L	0.00
32) Benzene-d6	8.276	84	1502183	101.069	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	401980	99.750	ug/L	0.00
41) Toluene-d8	10.319	98	1458953	102.591	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	181221	109.349	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	126774	231.276	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	310589	103.116	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	510934	104.259	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	262631	98.851	ug/L	99
3) Chloromethane	2.229	50	282080	96.676	ug/L	98
5) Vinyl chloride	2.375	62	370444	93.671	ug/L	98
6) Bromomethane	2.796	94	262259	93.853	ug/L	99
8) Chloroethane	2.936	64	219151	98.078	ug/L	99
9) Trichlorofluoromethane	3.277	101	369729	102.870	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	357896	99.859	ug/L	95
12) 1,1-Dichloroethene	4.045	96	337199	100.056	ug/L	97
13) Acetone	4.143	43	104609	193.736	ug/L	93
14) Carbon disulfide	4.393	76	923456	92.556	ug/L	100
15) Methyl Acetate	4.679	43	92380	101.640	ug/L	99
16) Methylene chloride	4.917	84	325517	84.413	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	351424	97.056	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	432631	100.789	ug/L	99
19) 1,1-Dichloroethane	6.222	63	580019	98.609	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	394746	103.243	ug/L	99
22) 2-Butanone	7.179	43	136005	215.803	ug/L	95
23) Bromochloromethane	7.514	128	172811	101.750	ug/L	87
25) Chloroform	7.673	83	617193	97.604	ug/L	97
27) 1,2-Dichloroethane	8.398	62	350113	99.424	ug/L	96
29) Cyclohexane	7.959	56	497409	100.458	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	526611	98.199	ug/L	98
31) Carbon tetrachloride	8.069	117	505147	101.820	ug/L	99
33) Benzene	8.325	78	1334371	96.170	ug/L	100
34) Trichloroethene	9.093	95	392562	98.555	ug/L	95
35) Methylcyclohexane	9.337	83	651340	99.373	ug/L	98
37) 1,2-Dichloropropane	9.368	63	323911	99.345	ug/L	100
38) Bromodichloromethane	9.642	83	442709	101.723	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	560623	107.276	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	269685	219.146	ug/L	99
42) Toluene	10.386	91	1561580	100.379	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	458935	110.644	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	255427	98.975	ug/L	98
46) Tetrachloroethene	10.861	164	320744	95.700	ug/L	98
48) 2-Hexanone	10.965	43	204222	219.097	ug/L	100
49) Dibromochloromethane	11.123	129	311178	105.765	ug/L	93
50) 1,2-Dibromoethane	11.233	107	247278	102.653	ug/L	94
51) Chlorobenzene	11.654	112	1028361	99.388	ug/L	99
52) Ethylbenzene	11.727	91	1778853	101.417	ug/L	97
53) m,p-Xylene	11.837	106	710772	103.329	ug/L	99
54) o-Xylene	12.166	106	681930	105.702	ug/L	88
55) Styrene	12.178	104	1155191	107.503	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	287488	104.027	ug/L	98
59) Bromoform	12.349	173	184503	108.417	ug/L	96
60) Isopropylbenzene	12.459	105	1865032	103.598	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	198605	103.213	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	1508491	104.710	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	1504462	106.720	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	838812	101.429	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	808151	96.111	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	747109	102.282	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	43223	113.139	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	598900	100.851	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	512948	106.964	ug/L	99
71) Naphthalene	15.360	128	854743	114.701	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	420303	105.050	ug/L	98

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

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