

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040824\
 Data File : VW028353.D
 Acq On : 08 Apr 2024 12:09
 Operator : SY/MD
 Sample : VSTD10032
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100432

Quant Time: Apr 09 01:13:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 09 01:10:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	304668	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	290174	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	141042	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	477149	97.690	ug/L	0.00
7) Chloroethane-d5	2.899	69	383462	103.601	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	202571	97.937	ug/L	0.00
21) 2-Butanone-d5	7.075	46	236134	268.703	ug/L	0.00
24) Chloroform-d	7.648	84	851719	107.133	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	460945	111.568	ug/L	0.00
32) Benzene-d6	8.276	84	1639154	103.405	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	498291	105.752	ug/L	0.00
41) Toluene-d8	10.319	98	1539782	106.821	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	221562	118.256	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	173698	276.280	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	392888	118.181	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	498402	111.737	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	414563	101.169	ug/L	96
3) Chloromethane	2.229	50	508771	105.751	ug/L	99
5) Vinyl chloride	2.375	62	555664	96.983	ug/L	99
6) Bromomethane	2.789	94	363283	101.488	ug/L	100
8) Chloroethane	2.936	64	344698	99.801	ug/L	96
9) Trichlorofluoromethane	3.271	101	485774	106.281	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	411895	96.113	ug/L	98
12) 1,1-Dichloroethene	4.045	96	401746	100.142	ug/L	98
13) Acetone	4.118	43	265969	249.918	ug/L	97
14) Carbon disulfide	4.393	76	1330852	100.118	ug/L	100
15) Methyl Acetate	4.667	43	202604	112.207	ug/L	100
16) Methylene chloride	4.917	84	410738	89.341	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	432383	101.664	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	653281	109.432	ug/L	99
19) 1,1-Dichloroethane	6.216	63	830049	99.958	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	471985	104.562	ug/L	93
22) 2-Butanone	7.167	43	332418	255.940	ug/L	99
23) Bromochloromethane	7.514	128	195779	100.694	ug/L	95
25) Chloroform	7.673	83	817992	100.491	ug/L	94
27) 1,2-Dichloroethane	8.398	62	569703	101.402	ug/L	100
29) Cyclohexane	7.959	56	786115	102.562	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	676874	96.181	ug/L	99
31) Carbon tetrachloride	8.069	117	604976	96.942	ug/L	100
33) Benzene	8.325	78	1746297	96.254	ug/L	100
34) Trichloroethene	9.093	95	473781	96.362	ug/L	97
35) Methylcyclohexane	9.331	83	833105	99.290	ug/L	99
37) 1,2-Dichloropropane	9.368	63	453407	95.886	ug/L	100
38) Bromodichloromethane	9.642	83	592709	101.125	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	746475	107.488	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	584496	246.795	ug/L	98
42) Toluene	10.386	91	1909044	99.324	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	637806	113.697	ug/L	98

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

45) 1,1,2-Trichloroethane	10.782	97	327883	102.498	ug/L	94
46) Tetrachloroethene	10.861	164	342556	93.275	ug/L #	74
48) 2-Hexanone	10.965	43	475742	259.472	ug/L	98
49) Dibromochloromethane	11.123	129	368087	107.650	ug/L	99
50) 1,2-Dibromoethane	11.233	107	318795	109.181	ug/L	99
51) Chlorobenzene	11.654	112	1168883	97.840	ug/L	95
52) Ethylbenzene	11.727	91	2194078	100.703	ug/L	100
53) m,p-Xylene	11.837	106	842430	103.973	ug/L	89
54) o-Xylene	12.166	106	781893	103.642	ug/L	100
55) Styrene	12.178	104	1370144	106.710	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	398203	109.988	ug/L	99
59) Bromoform	12.349	173	213554	114.706	ug/L	97
60) Isopropylbenzene	12.458	105	2175238	102.874	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	287314	111.421	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1456441	108.069	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1728849	106.594	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	919073	102.439	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	880854	96.515	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	803786	101.850	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	65499	110.847	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	627160	101.583	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	518428	107.530	ug/L	98
71) Naphthalene	15.360	128	1058843	124.094	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	459383	107.377	ug/L	98

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

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