

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
 Data File : VW031124.D
 Acq On : 04 Dec 2024 10:39
 Operator : SY/MD
 Sample : VSTD10042
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100442

Quant Time: Dec 05 01:11:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 05 01:09:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	427290	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	383946	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	183088	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	611987	103.677	ug/L	0.00
7) Chloroethane-d5	2.899	69	490598	104.273	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	292562	109.649	ug/L	0.00
21) 2-Butanone-d5	7.075	46	252774	243.336	ug/L	0.00
24) Chloroform-d	7.648	84	1231677	103.980	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	599445	104.042	ug/L	0.00
32) Benzene-d6	8.276	84	2347388	102.219	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	692841	103.810	ug/L	0.00
41) Toluene-d8	10.319	98	2222144	106.798	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	306088	109.732	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	196776	237.804	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	473156	102.574	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	673195	107.366	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	592714	105.806	ug/L	95
3) Chloromethane	2.228	50	685996	107.254	ug/L	99
5) Vinyl chloride	2.375	62	760980	100.525	ug/L	98
6) Bromomethane	2.789	94	477478	100.492	ug/L	91
8) Chloroethane	2.936	64	445994	99.677	ug/L	98
9) Trichlorofluoromethane	3.271	101	816154	99.886	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	606418	103.444	ug/L	95
12) 1,1-Dichloroethene	4.045	96	607669	102.286	ug/L	97
13) Acetone	4.118	43	387231	200.836	ug/L	95
14) Carbon disulfide	4.387	76	1997289	100.485	ug/L	99
15) Methyl Acetate	4.667	43	217083	104.062	ug/L	97
16) Methylene chloride	4.917	84	592289	99.523	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	642256	103.579	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	944644	105.994	ug/L	99
19) 1,1-Dichloroethane	6.216	63	1163681	102.077	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	700589	106.412	ug/L	92
22) 2-Butanone	7.167	43	416604	218.392	ug/L	98
23) Bromochloromethane	7.514	128	285482	102.299	ug/L	98
25) Chloroform	7.679	83	1179410	99.820	ug/L	96
27) 1,2-Dichloroethane	8.398	62	724046	99.350	ug/L	98
29) Cyclohexane	7.959	56	1059647	102.143	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	1006513	97.545	ug/L	98
31) Carbon tetrachloride	8.069	117	923965	98.997	ug/L	99
33) Benzene	8.325	78	2548289	97.498	ug/L	100
34) Trichloroethene	9.087	95	708485	100.632	ug/L	91
35) Methylcyclohexane	9.337	83	1165620	95.387	ug/L	97
37) 1,2-Dichloropropane	9.367	63	621667	96.626	ug/L	99
38) Bromodichloromethane	9.642	83	838501	99.472	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	1049302	106.730	ug/L	95
40) 4-Methyl-2-pentanone	10.203	43	635860	215.027	ug/L	98
42) Toluene	10.386	91	2667895	94.503	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	847115	104.746	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	432029	97.500	ug/L	92
46) Tetrachloroethene	10.861	164	516415	96.596	ug/L	94
48) 2-Hexanone	10.965	43	574137	214.174	ug/L	94
49) Dibromochloromethane	11.123	129	512470	102.643	ug/L	96
50) 1,2-Dibromoethane	11.233	107	423874	105.629	ug/L	91
51) Chlorobenzene	11.654	112	1702481	98.789	ug/L	96
52) Ethylbenzene	11.727	91	3122823	96.834	ug/L	99
53) m,p-Xylene	11.837	106	1163307	97.449	ug/L	86
54) o-Xylene	12.160	106	1113684	99.435	ug/L	98
55) Styrene	12.178	104	1920352	101.762	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	475998	99.723	ug/L	93
59) Bromoform	12.343	173	281755	108.483	ug/L	95
60) Isopropylbenzene	12.458	105	3092815	100.558	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	341447	101.770	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	2545486	104.564	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	2453270	99.637	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	1278541	98.092	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	1256396	96.623	ug/L	89
67) 1,2-Dichlorobenzene	13.867	146	1091719	94.976	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	74879	103.728	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	849896	95.847	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	731869	105.511	ug/L	98
71) Naphthalene	15.354	128	1278301	111.341	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	569028	97.745	ug/L	99

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

