

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121324\
 Data File : VW031229.D
 Acq On : 13 Dec 2024 10:39
 Operator : SY/MD
 Sample : VSTD05049
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050449

Quant Time: Dec 14 00:09:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 14 00:07:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	711959	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	617919	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	295607	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	573182	53.507	ug/L	0.00
7) Chloroethane-d5	2.899	69	412116	52.304	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	273587	53.842	ug/L	0.00
21) 2-Butanone-d5	7.100	46	213615	105.832	ug/L	0.00
24) Chloroform-d	7.648	84	1036244	53.121	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	522560	53.340	ug/L	0.00
32) Benzene-d6	8.276	84	2079206	52.498	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	612789	53.089	ug/L	0.00
41) Toluene-d8	10.319	98	1911215	51.872	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	279969	52.603	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	169710	109.329	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	386209	53.290	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	574593	52.359	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	343157	53.332	ug/L	95
3) Chloromethane	2.223	50	377061	52.163	ug/L	96
5) Vinyl chloride	2.369	62	529343	52.841	ug/L	99
6) Bromomethane	2.789	94	326359	52.991	ug/L	98
8) Chloroethane	2.936	64	315500	52.959	ug/L	98
9) Trichlorofluoromethane	3.265	101	559860	52.461	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	448979	52.044	ug/L	95
12) 1,1-Dichloroethene	4.039	96	454007	52.017	ug/L	95
13) Acetone	4.173	43	294625	101.117	ug/L #	100
14) Carbon disulfide	4.387	76	1485414	52.184	ug/L	99
15) Methyl Acetate	4.685	43	161975	51.476	ug/L	99
16) Methylene chloride	4.917	84	456561	50.923	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	490406	52.126	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	829759	52.756	ug/L	99
19) 1,1-Dichloroethane	6.216	63	920857	52.379	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	539913	53.042	ug/L	98
22) 2-Butanone	7.191	43	339641	101.745	ug/L	99
23) Bromochloromethane	7.514	128	212049	52.234	ug/L	95
25) Chloroform	7.679	83	897941	51.751	ug/L	100
27) 1,2-Dichloroethane	8.398	62	578174	53.003	ug/L	99
29) Cyclohexane	7.953	56	845980	50.483	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	814221	50.980	ug/L	100
31) Carbon tetrachloride	8.069	117	731068	51.379	ug/L	99
33) Benzene	8.325	78	1954983	51.196	ug/L	100
34) Trichloroethene	9.087	95	553972	51.385	ug/L	91
35) Methylcyclohexane	9.331	83	934343	49.766	ug/L	99
37) 1,2-Dichloropropane	9.368	63	491816	51.628	ug/L	100
38) Bromodichloromethane	9.642	83	644381	52.032	ug/L	93
39) cis-1,3-Dichloropropene	10.069	75	830253	51.577	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	513670	101.636	ug/L	99
42) Toluene	10.386	91	2130157	51.237	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	686035	52.194	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	332276	52.444	ug/L	98
46) Tetrachloroethene	10.861	164	391568	49.586	ug/L	97
48) 2-Hexanone	10.965	43	482358	112.218	ug/L	99
49) Dibromochloromethane	11.129	129	392904	52.312	ug/L	98
50) 1,2-Dibromoethane	11.233	107	313582	52.243	ug/L	93
51) Chlorobenzene	11.654	112	1332304	51.111	ug/L	98
52) Ethylbenzene	11.727	91	2440921	50.658	ug/L	96
53) m,p-Xylene	11.837	106	933121	50.870	ug/L	95
54) o-Xylene	12.160	106	890765	51.526	ug/L	97
55) Styrene	12.178	104	1488007	51.746	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	357693	52.347	ug/L	99
59) Bromoform	12.349	173	218052	52.507	ug/L	97
60) Isopropylbenzene	12.458	105	2412444	49.870	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	261587	51.714	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	2076755	50.637	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	2001605	50.495	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	1001786	51.113	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	1008377	51.927	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	895817	53.047	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	64935	50.586	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	699310	50.945	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	595173	52.124	ug/L	98
71) Naphthalene	15.360	128	1060805	52.990	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	476500	51.794	ug/L	99

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

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