

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050224\
 Data File : VW028565.D
 Acq On : 02 May 2024 11:24
 Operator : SY/MD
 Sample : VSTD05037
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050437

Quant Time: May 03 02:42:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 03 02:39:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	256753	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	234043	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	118725	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	251171	51.516	ug/L	0.00
7) Chloroethane-d5	2.899	69	192057	51.446	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	106732	52.396	ug/L	0.00
21) 2-Butanone-d5	7.075	46	116521	98.054	ug/L	0.00
24) Chloroform-d	7.648	84	407832	50.835	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	226922	49.406	ug/L	0.00
32) Benzene-d6	8.276	84	813704	52.110	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	241278	51.349	ug/L	0.00
41) Toluene-d8	10.319	98	736317	53.248	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	99131	52.443	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	81517	100.587	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	188356	47.805	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	223731	49.442	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	189067	50.672	ug/L	92
3) Chloromethane	2.229	50	225320	48.746	ug/L	99
5) Vinyl chloride	2.375	62	247859	47.628	ug/L	100
6) Bromomethane	2.796	94	144664	48.377	ug/L	95
8) Chloroethane	2.936	64	145303	49.428	ug/L	99
9) Trichlorofluoromethane	3.271	101	210311	49.225	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	180743	47.144	ug/L	93
12) 1,1-Dichloroethene	4.045	96	169701	48.025	ug/L	90
13) Acetone	4.118	43	100064	89.168	ug/L	98
14) Carbon disulfide	4.393	76	583838	48.887	ug/L	98
15) Methyl Acetate	4.673	43	89667	44.678	ug/L	98
16) Methylene chloride	4.917	84	173070	43.770	ug/L	98
17) trans-1,2-Dichloroethene	5.435	96	178638	48.558	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	259857	47.865	ug/L	100
19) 1,1-Dichloroethane	6.216	63	350165	48.000	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	189119	49.120	ug/L	97
22) 2-Butanone	7.167	43	125387	92.651	ug/L	99
23) Bromochloromethane	7.514	128	77144	45.934	ug/L	94
25) Chloroform	7.679	83	335984	47.617	ug/L	96
27) 1,2-Dichloroethane	8.398	62	241387	47.062	ug/L	98
29) Cyclohexane	7.959	56	347475	52.071	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	286428	48.838	ug/L	99
31) Carbon tetrachloride	8.069	117	260099	48.641	ug/L	98
33) Benzene	8.325	78	737026	48.563	ug/L	100
34) Trichloroethene	9.093	95	196779	48.360	ug/L	95
35) Methylcyclohexane	9.337	83	367461	51.675	ug/L	99
37) 1,2-Dichloropropane	9.368	63	190532	48.806	ug/L	99
38) Bromodichloromethane	9.642	83	235906	48.936	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	295713	52.171	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	249598	92.735	ug/L	100
42) Toluene	10.386	91	775081	49.446	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	243504	50.951	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	132564	46.274	ug/L	98
46) Tetrachloroethene	10.861	164	146362	49.918	ug/L	96
48) 2-Hexanone	10.965	43	181456	95.493	ug/L	99
49) Dibromochloromethane	11.123	129	140630	48.941	ug/L	99
50) 1,2-Dibromoethane	11.233	107	124778	46.497	ug/L #	96
51) Chlorobenzene	11.654	112	466452	48.107	ug/L	97
52) Ethylbenzene	11.727	91	899011	50.679	ug/L	96
53) m,p-Xylene	11.837	106	322714	49.629	ug/L	97
54) o-Xylene	12.166	106	315078	52.377	ug/L	100
55) Styrene	12.178	104	534355	52.423	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	164387	45.736	ug/L	97
59) Bromoform	12.343	173	77498	44.742	ug/L	99
60) Isopropylbenzene	12.458	105	894347	49.652	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	122166	42.578	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	656970	51.551	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	698118	50.841	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	357508	47.711	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	357783	46.703	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	311691	46.473	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	26727	39.840	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	244185	48.563	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	204053	50.225	ug/L	95
71) Naphthalene	15.360	128	431174	49.812	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	173089	47.214	ug/L	97

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

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