

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060324\
 Data File : VW028953.D
 Acq On : 03 Jun 2024 10:07
 Operator : SY/MD
 Sample : VSTD02542
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025442

Quant Time: Jun 04 01:52:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 04 01:36:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	329132	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	300421	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	150042	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	132059	25.257	ug/L	0.00
7) Chloroethane-d5	2.899	69	100207	24.991	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	56911	24.764	ug/L	0.00
21) 2-Butanone-d5	7.081	46	53772	49.679	ug/L	0.00
24) Chloroform-d	7.648	84	233322	24.848	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	123696	25.022	ug/L	0.00
32) Benzene-d6	8.276	84	467037	25.329	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	139178	24.895	ug/L	0.00
41) Toluene-d8	10.319	98	419326	25.484	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	54104	25.185	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	38864	52.678	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	98582	25.382	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	137521	25.829	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	80997	21.992	ug/L	100
3) Chloromethane	2.222	50	103386	22.516	ug/L	100
5) Vinyl chloride	2.375	62	126771	22.809	ug/L	100
6) Bromomethane	2.796	94	76951	23.108	ug/L	100
8) Chloroethane	2.936	64	78081	23.262	ug/L	100
9) Trichlorofluoromethane	3.271	101	107078	23.177	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	103764	22.992	ug/L	100
12) 1,1-Dichloroethene	4.045	96	99878	24.007	ug/L	100
13) Acetone	4.118	43	60243	53.811	ug/L	100
14) Carbon disulfide	4.393	76	331249	23.518	ug/L	100
15) Methyl Acetate	4.673	43	47282	24.548	ug/L	100
16) Methylene chloride	4.917	84	111394	22.551	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	107640	23.730	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	157693	24.931	ug/L	100
19) 1,1-Dichloroethane	6.222	63	213317	23.920	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	114847	24.151	ug/L	100
22) 2-Butanone	7.173	43	71614	53.390	ug/L	100
23) Bromochloromethane	7.514	128	48973	23.592	ug/L	100
25) Chloroform	7.679	83	207091	23.909	ug/L	100
27) 1,2-Dichloroethane	8.398	62	142492	24.549	ug/L	100
29) Cyclohexane	7.959	56	188560	25.244	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	168904	24.265	ug/L	100
31) Carbon tetrachloride	8.075	117	148572	23.433	ug/L	100
33) Benzene	8.325	78	459162	24.580	ug/L	100
34) Trichloroethene	9.093	95	118661	24.162	ug/L	100
35) Methylcyclohexane	9.337	83	209112	25.100	ug/L	100
37) 1,2-Dichloropropane	9.368	63	119057	24.338	ug/L	100
38) Bromodichloromethane	9.642	83	146822	24.610	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	178133	25.057	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	130640	52.505	ug/L	100
42) Toluene	10.386	91	491271	25.744	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	142940	24.941	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	80882	24.482	ug/L	100
46) Tetrachloroethene	10.861	164	89439	23.971	ug/L	100
48) 2-Hexanone	10.965	43	103076	55.254	ug/L	100
49) Dibromochloromethane	11.129	129	86083	24.669	ug/L	100
50) 1,2-Dibromoethane	11.233	107	75080	24.895	ug/L	100
51) Chlorobenzene	11.654	112	297102	24.236	ug/L	100
52) Ethylbenzene	11.727	91	546477	25.204	ug/L	100
53) m,p-Xylene	11.837	106	201060	25.036	ug/L	100
54) o-Xylene	12.166	106	188493	25.348	ug/L	100
55) Styrene	12.178	104	332688	25.950	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	94181	25.253	ug/L	100
59) Bromoform	12.343	173	47573	24.657	ug/L	100
60) Isopropylbenzene	12.458	105	528427	24.885	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	69769	24.651	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	392822	25.435	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	420008	25.733	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	227833	24.967	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	237551	24.925	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	202621	24.774	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	15008	24.879	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	148924	23.769	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	123420	24.305	ug/L	100
71) Naphthalene	15.360	128	232030	26.818	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	109427	25.222	ug/L	100

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

