

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
 Data File : VW030252.D
 Acq On : 26 Sep 2024 11:18
 Operator : SY/MD
 Sample : VSTD02578
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025478

Quant Time: Sep 27 04:08:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 27 04:06:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	176021	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	161862	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	81668	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	60687	25.552	ug/L	0.00
7) Chloroethane-d5	2.899	69	47428	27.092	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	29801	25.330	ug/L	0.00
21) 2-Butanone-d5	7.081	46	31301	51.282	ug/L	0.00
24) Chloroform-d	7.648	84	134140	25.737	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	69327	26.079	ug/L	0.00
32) Benzene-d6	8.276	84	264766	25.895	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	82070	25.926	ug/L	0.00
41) Toluene-d8	10.325	98	240585	26.476	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	31738	26.452	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	24767	55.893	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	58875	27.228	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	74095	26.071	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	49017	25.886	ug/L	100
3) Chloromethane	2.223	50	67300	24.890	ug/L	100
5) Vinyl chloride	2.375	62	68500	25.145	ug/L	100
6) Bromomethane	2.790	94	42532	25.735	ug/L	100
8) Chloroethane	2.936	64	41240	25.867	ug/L	100
9) Trichlorofluoromethane	3.265	101	60265	25.036	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	53851	24.600	ug/L	100
12) 1,1-Dichloroethene	4.045	96	54981	24.634	ug/L	100
13) Acetone	4.131	43	45802	58.859	ug/L	100
14) Carbon disulfide	4.393	76	203353	25.258	ug/L	100
15) Methyl Acetate	4.679	43	27882	24.667	ug/L	100
16) Methylene chloride	4.923	84	63913	23.705	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	63775	25.079	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	92414	26.523	ug/L	100
19) 1,1-Dichloroethane	6.216	63	127914	24.948	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	68422	25.125	ug/L	100
22) 2-Butanone	7.173	43	52218	53.693	ug/L	100
23) Bromochloromethane	7.514	128	28915	26.026	ug/L	100
25) Chloroform	7.679	83	125272	25.110	ug/L	100
27) 1,2-Dichloroethane	8.398	62	83009	25.694	ug/L	100
29) Cyclohexane	7.959	56	104931	25.478	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	99851	24.921	ug/L	100
31) Carbon tetrachloride	8.075	117	90752	25.000	ug/L	100
33) Benzene	8.325	78	279182	25.170	ug/L	100
34) Trichloroethene	9.087	95	70230	24.409	ug/L	100
35) Methylcyclohexane	9.337	83	114273	25.257	ug/L	100
37) 1,2-Dichloropropane	9.368	63	73151	24.882	ug/L	100
38) Bromodichloromethane	9.642	83	88047	25.715	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	108823	26.067	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	79303	54.683	ug/L	100
42) Toluene	10.386	91	294823	25.756	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	89049	26.253	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	47890	25.569	ug/L	100
46) Tetrachloroethene	10.861	164	48688	24.198	ug/L	100
48) 2-Hexanone	10.965	43	70110	57.486	ug/L	100
49) Dibromochloromethane	11.130	129	52412	26.074	ug/L	100
50) 1,2-Dibromoethane	11.233	107	45843	26.049	ug/L	100
51) Chlorobenzene	11.654	112	173931	24.712	ug/L	100
52) Ethylbenzene	11.727	91	336257	25.991	ug/L	100
53) m,p-Xylene	11.837	106	122042	26.032	ug/L	100
54) o-Xylene	12.166	106	115430	26.213	ug/L	100
55) Styrene	12.178	104	197788	26.681	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.709	83	57914	26.127	ug/L	100
59) Bromoform	12.349	173	29462	25.911	ug/L	100
60) Isopropylbenzene	12.459	105	317932	25.484	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	40806	25.421	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	254756	26.237	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	250428	26.299	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	135715	25.574	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	133561	24.597	ug/L	100
67) 1,2-Dichlorobenzene	13.861	146	116823	25.270	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	8926	25.254	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	87164	25.149	ug/L	100
70) 1,2,4-trichlorobenzene	15.123	180	71776	25.574	ug/L	100
71) Naphthalene	15.360	128	132479	27.195	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	62061	25.357	ug/L	100

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

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