

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
 Data File : VW027637.D
 Acq On : 15 Dec 2023 15:34
 Operator : SY/MD
 Sample : VSTD02580
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025480

Quant Time: Dec 15 23:34:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 15 23:32:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	354454	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	321997	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	153466	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	134780	26.779	ug/L	0.00
7) Chloroethane-d5	2.899	69	104177	26.549	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	54111	26.687	ug/L	0.00
21) 2-Butanone-d5	7.088	46	45377	52.011	ug/L	0.00
24) Chloroform-d	7.648	84	233097	27.437	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	108443	27.263	ug/L	0.00
32) Benzene-d6	8.276	84	504043	26.699	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	144623	26.967	ug/L	0.00
41) Toluene-d8	10.319	98	481286	27.315	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	56408	27.077	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	39512	50.458	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	108252	26.731	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	151854	28.033	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	107241	27.017	ug/L	100
3) Chloromethane	2.223	50	130675	26.709	ug/L	100
5) Vinyl chloride	2.369	62	151759	26.075	ug/L	100
6) Bromomethane	2.796	94	97399	26.198	ug/L	100
8) Chloroethane	2.936	64	90948	26.243	ug/L	100
9) Trichlorofluoromethane	3.271	101	142805	26.544	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	116959	26.501	ug/L	100
12) 1,1-Dichloroethene	4.045	96	114970	26.109	ug/L	100
13) Acetone	4.143	43	39243	49.260	ug/L	100
14) Carbon disulfide	4.387	76	393494	26.560	ug/L	100
15) Methyl Acetate	4.679	43	35043	24.410	ug/L	100
16) Methylene chloride	4.917	84	124340	21.719	ug/L	100
17) trans-1,2-Dichloroethene	5.435	96	123093	26.316	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	160961	26.140	ug/L	100
19) 1,1-Dichloroethane	6.222	63	207539	26.171	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	129654	26.488	ug/L	100
22) 2-Butanone	7.179	43	51261	49.773	ug/L	100
23) Bromochloromethane	7.520	128	54681	26.385	ug/L	100
25) Chloroform	7.673	83	202148	25.856	ug/L	100
27) 1,2-Dichloroethane	8.398	62	119847	26.143	ug/L	100
29) Cyclohexane	7.953	56	201093	26.016	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	178073	26.073	ug/L	100
31) Carbon tetrachloride	8.069	117	157259	26.326	ug/L	100
33) Benzene	8.325	78	485631	25.629	ug/L	100
34) Trichloroethene	9.093	95	129652	25.274	ug/L	100
35) Methylcyclohexane	9.337	83	241723	26.021	ug/L	100
37) 1,2-Dichloropropane	9.368	63	117454	25.831	ug/L	100
38) Bromodichloromethane	9.642	83	140705	25.551	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	181569	26.102	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	99414	50.144	ug/L	100
42) Toluene	10.386	91	525542	25.818	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	142818	25.971	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	83840	24.867	ug/L	100
46) Tetrachloroethene	10.861	164	103919	25.242	ug/L	100
48) 2-Hexanone	10.965	43	74033	50.739	ug/L	100
49) Dibromochloromethane	11.123	129	88336	25.210	ug/L	100
50) 1,2-Dibromoethane	11.233	107	78059	24.300	ug/L	100
51) Chlorobenzene	11.654	112	321409	24.687	ug/L	100
52) Ethylbenzene	11.727	91	591565	25.745	ug/L	100
53) m,p-Xylene	11.837	106	227528	25.714	ug/L	100
54) o-Xylene	12.160	106	212143	25.877	ug/L	100
55) Styrene	12.178	104	366596	26.531	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.709	83	96439	25.063	ug/L	100
59) Bromoform	12.343	173	50322	26.622	ug/L	100
60) Isopropylbenzene	12.459	105	596875	27.197	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	66620	25.867	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	480777	27.625	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	475457	27.712	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	249242	26.570	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	251265	26.513	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	218720	26.401	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.477	75	12844	25.130	ug/L	100
69) 1,3,5-Trichlorobenzene	14.629	180	173741	26.376	ug/L	100
70) 1,2,4-trichlorobenzene	15.123	180	142271	26.815	ug/L	100
71) Naphthalene	15.360	128	251171	26.441	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	119313	26.477	ug/L	100

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

