

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031424\
 Data File : VW028179.D
 Acq On : 14 Mar 2024 14:33
 Operator : SY/MD
 Sample : VSTD05025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050425

Quant Time: Mar 15 01:25:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 15 01:22:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	190797	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	173685	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	92964	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	119886	53.702	ug/L	0.00
7) Chloroethane-d5	2.905	69	86085	55.787	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	77787	55.795	ug/L	0.00
21) 2-Butanone-d5	7.075	46	70912	110.244	ug/L	0.00
24) Chloroform-d	7.648	84	323705	57.536	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	173775	56.048	ug/L	0.00
32) Benzene-d6	8.276	84	619363	58.408	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	174746	57.263	ug/L	0.00
41) Toluene-d8	10.325	98	583511	59.658	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	80446	58.042	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	58159	116.710	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	127931	56.752	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	196845	58.126	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	128463	48.101	ug/L	96
3) Chloromethane	2.229	50	99484	50.678	ug/L	99
5) Vinyl chloride	2.375	62	112300	50.608	ug/L	98
6) Bromomethane	2.796	94	66379	50.229	ug/L	90
8) Chloroethane	2.942	64	59172	49.612	ug/L	97
9) Trichlorofluoromethane	3.271	101	147106	54.831	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	133370	51.972	ug/L	98
12) 1,1-Dichloroethene	4.051	96	124813	50.350	ug/L	88
13) Acetone	4.118	43	72164	103.441	ug/L	99
14) Carbon disulfide	4.393	76	382304	49.750	ug/L	99
15) Methyl Acetate	4.673	43	50505	45.479	ug/L	99
16) Methylene chloride	4.917	84	123990	42.626	ug/L	98
17) trans-1,2-Dichloroethene	5.435	96	129645	49.514	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	194205	49.160	ug/L #	78
19) 1,1-Dichloroethane	6.216	63	252375	49.788	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	141382	49.987	ug/L	96
22) 2-Butanone	7.167	43	77393	96.685	ug/L	97
23) Bromochloromethane	7.514	128	59579	47.656	ug/L	94
25) Chloroform	7.679	83	258997	49.631	ug/L	99
27) 1,2-Dichloroethane	8.398	62	175882	47.735	ug/L	99
29) Cyclohexane	7.959	56	236492	52.189	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	232017	50.961	ug/L	99
31) Carbon tetrachloride	8.069	117	219111	51.307	ug/L	98
33) Benzene	8.325	78	535296	50.085	ug/L	100
34) Trichloroethene	9.093	95	151359	50.761	ug/L	96
35) Methylcyclohexane	9.337	83	260021	51.589	ug/L	99
37) 1,2-Dichloropropane	9.367	63	134512	49.205	ug/L	100
38) Bromodichloromethane	9.642	83	183887	49.892	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	227250	51.907	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	146779	97.271	ug/L	100
42) Toluene	10.386	91	585963	50.235	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	191062	51.691	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	96306	48.759	ug/L	99
46) Tetrachloroethene	10.861	164	116946	48.655	ug/L	95
48) 2-Hexanone	10.965	43	116594	98.639	ug/L	97
49) Dibromochloromethane	11.123	129	116246	49.695	ug/L	98
50) 1,2-Dibromoethane	11.233	107	89863	47.582	ug/L #	97
51) Chlorobenzene	11.654	112	372574	50.322	ug/L	97
52) Ethylbenzene	11.727	91	703971	51.699	ug/L	98
53) m,p-Xylene	11.837	106	264422	51.603	ug/L	97
54) o-Xylene	12.160	106	247988	52.188	ug/L	93
55) Styrene	12.178	104	420344	51.500	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	109997	48.689	ug/L	95
59) Bromoform	12.343	173	67525	48.474	ug/L	98
60) Isopropylbenzene	12.458	105	713714	51.672	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	82575	46.542	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	492436	53.135	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	589533	52.681	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	311956	50.625	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	299815	48.657	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	265098	49.957	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	19553	46.915	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	219053	51.034	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	180459	49.489	ug/L	98
71) Naphthalene	15.360	128	319636	51.071	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	144630	48.113	ug/L	98

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

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