

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050224\
 Data File : VW028564.D
 Acq On : 02 May 2024 11:00
 Operator : SY/MD
 Sample : VSTD02536
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025436

Quant Time: May 03 02:41:35 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	254203	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	226862	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	107786	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	124834	25.861	ug/L	0.00
7) Chloroethane-d5	2.899	69	95102	25.730	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	51608	25.589	ug/L	0.00
21) 2-Butanone-d5	7.075	46	63585	54.044	ug/L	0.00
24) Chloroform-d	7.648	84	201703	25.394	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	113310	24.917	ug/L	0.00
32) Benzene-d6	8.276	84	400090	26.433	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	117135	25.718	ug/L	0.00
41) Toluene-d8	10.325	98	358574	26.752	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	48407	26.419	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	42761	54.434	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	99757	26.120	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	108362	26.377	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	91706	24.825	ug/L	100
3) Chloromethane	2.223	50	112321	24.543	ug/L	100
5) Vinyl chloride	2.375	62	126325	24.518	ug/L	100
6) Bromomethane	2.789	94	73288	24.754	ug/L	100
8) Chloroethane	2.936	64	73773	25.347	ug/L	100
9) Trichlorofluoromethane	3.271	101	105054	24.835	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	93890	24.735	ug/L	100
12) 1,1-Dichloroethene	4.045	96	87522	25.017	ug/L	100
13) Acetone	4.125	43	58736	52.865	ug/L	100
14) Carbon disulfide	4.393	76	297730	25.180	ug/L	100
15) Methyl Acetate	4.667	43	51372	25.854	ug/L	100
16) Methylene chloride	4.923	84	90082	23.010	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	91677	25.170	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	134786	25.076	ug/L	100
19) 1,1-Dichloroethane	6.216	63	178657	24.736	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	96308	25.265	ug/L	100
22) 2-Butanone	7.167	43	73978	55.212	ug/L	100
23) Bromochloromethane	7.514	128	41266	24.818	ug/L	100
25) Chloroform	7.679	83	175029	25.055	ug/L	100
27) 1,2-Dichloroethane	8.398	62	123264	24.273	ug/L	100
29) Cyclohexane	7.959	56	173984	26.898	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	146026	25.686	ug/L	100
31) Carbon tetrachloride	8.069	117	130945	25.263	ug/L	100
33) Benzene	8.325	78	382351	25.991	ug/L	100
34) Trichloroethene	9.087	95	98204	24.898	ug/L	100
35) Methylcyclohexane	9.337	83	184113	26.711	ug/L	100
37) 1,2-Dichloropropane	9.368	63	95211	25.161	ug/L	100
38) Bromodichloromethane	9.642	83	121244	25.947	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	144303	26.264	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	140447	53.833	ug/L	100
42) Toluene	10.386	91	404987	26.654	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	122057	26.348	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	71269	25.665	ug/L	100
46) Tetrachloroethene	10.861	164	73539	25.875	ug/L	100
48) 2-Hexanone	10.965	43	103642	56.269	ug/L	100
49) Dibromochloromethane	11.123	129	72180	25.914	ug/L	100
50) 1,2-Dibromoethane	11.233	107	65826	25.306	ug/L	100
51) Chlorobenzene	11.654	112	241363	25.681	ug/L	100
52) Ethylbenzene	11.727	91	459225	26.707	ug/L	100
53) m,p-Xylene	11.837	106	168861	26.791	ug/L	100
54) o-Xylene	12.160	106	154932	26.570	ug/L	100
55) Styrene	12.178	104	266631	26.986	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	90695	26.032	ug/L	100
59) Bromoform	12.349	173	40819	25.958	ug/L	100
60) Isopropylbenzene	12.458	105	443628	27.129	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	67765	26.015	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	325314	28.117	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	349494	28.035	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	175319	25.772	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	181513	26.099	ug/L	100
67) 1,2-Dichlorobenzene	13.861	146	159382	26.176	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	15529	25.497	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	119579	26.195	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	96201	26.082	ug/L	100
71) Naphthalene	15.360	128	222333	28.292	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	85228	25.607	ug/L	100

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

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