

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082624\
 Data File : VW030024.D
 Acq On : 26 Aug 2024 12:26
 Operator : SY/MD
 Sample : VSTD02566
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025466

Quant Time: Aug 27 05:14:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 27 05:12:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	320197	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	294538	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	130157	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	112915	23.697	ug/L	0.00
7) Chloroethane-d5	2.899	69	80813	23.896	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	48291	23.721	ug/L	0.00
21) 2-Butanone-d5	7.081	46	48062	50.609	ug/L	0.00
24) Chloroform-d	7.648	84	211434	24.486	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	108011	24.635	ug/L	0.00
32) Benzene-d6	8.276	84	422309	24.291	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	125105	24.561	ug/L	0.00
41) Toluene-d8	10.318	98	391111	24.716	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	52538	25.074	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	41024	52.623	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	93500	24.931	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	121273	25.760	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	95691	27.507	ug/L	100
3) Chloromethane	2.228	50	111916	26.142	ug/L	100
5) Vinyl chloride	2.375	62	131115	25.911	ug/L	100
6) Bromomethane	2.789	94	80815	25.699	ug/L	100
8) Chloroethane	2.942	64	75032	25.732	ug/L	100
9) Trichlorofluoromethane	3.265	101	114942	26.231	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	106486	26.354	ug/L	100
12) 1,1-Dichloroethene	4.045	96	105393	25.716	ug/L	100
13) Acetone	4.131	43	47754	55.272	ug/L	100
14) Carbon disulfide	4.393	76	341697	26.837	ug/L	100
15) Methyl Acetate	4.673	43	44375	26.392	ug/L	100
16) Methylene chloride	4.917	84	123542	23.356	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	113607	25.029	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	179054	25.794	ug/L	100
19) 1,1-Dichloroethane	6.222	63	214618	25.445	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	125796	25.075	ug/L	100
22) 2-Butanone	7.173	43	63881	52.353	ug/L	100
23) Bromochloromethane	7.514	128	54403	25.567	ug/L	100
25) Chloroform	7.679	83	219079	25.393	ug/L	100
27) 1,2-Dichloroethane	8.398	62	141380	25.600	ug/L	100
29) Cyclohexane	7.959	56	185836	26.294	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	172487	25.003	ug/L	100
31) Carbon tetrachloride	8.069	117	155222	25.044	ug/L	100
33) Benzene	8.325	78	481827	25.533	ug/L	100
34) Trichloroethene	9.093	95	125987	24.793	ug/L	100
35) Methylcyclohexane	9.337	83	217023	26.077	ug/L	100
37) 1,2-Dichloropropane	9.367	63	121450	25.415	ug/L	100
38) Bromodichloromethane	9.642	83	154222	25.578	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	189156	25.718	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	126644	53.240	ug/L	100
42) Toluene	10.386	91	513378	25.546	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	155099	26.060	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	89301	25.496	ug/L	100
46) Tetrachloroethene	10.861	164	96898	25.124	ug/L	100
48) 2-Hexanone	10.965	43	88288	52.209	ug/L	100
49) Dibromochloromethane	11.129	129	97169	26.110	ug/L	100
50) 1,2-Dibromoethane	11.233	107	83950	25.659	ug/L	100
51) Chlorobenzene	11.654	112	317524	24.711	ug/L	100
52) Ethylbenzene	11.727	91	575123	25.257	ug/L	100
53) m,p-Xylene	11.836	106	216133	25.434	ug/L	100
54) o-Xylene	12.160	106	210239	25.777	ug/L	100
55) Styrene	12.178	104	354849	25.967	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	101637	25.769	ug/L	100
59) Bromoform	12.349	173	51301	26.468	ug/L	100
60) Isopropylbenzene	12.458	105	577103	27.792	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	72700	27.470	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	460228	29.808	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	447269	27.483	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	233869	26.419	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	243612	27.241	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	210198	26.544	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	14953	26.395	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	147520	25.525	ug/L	100
70) 1,2,4-trichlorobenzene	15.122	180	135858	27.160	ug/L	100
71) Naphthalene	15.360	128	269286	28.192	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	117676	26.801	ug/L	100

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

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