

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112124\
 Data File : VW031076.D
 Acq On : 21 Nov 2024 09:05
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025572

Quant Time: Nov 22 00:02:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 21 04:10:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	437218	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	393123	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	197623	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	144154	27.046	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.200%	
7) Chloroethane-d5	2.899	69	112104	26.648	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.600%	
11) 1,1-Dichloroethene-d2	4.021	65	65444	24.849	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 99.400%	
21) 2-Butanone-d5	7.069	46	56903	46.367	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 92.740%	
24) Chloroform-d	7.648	84	301119	25.354	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 101.400%	
26) 1,2-Dichloroethane-d4	8.301	65	144838	24.960	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 99.840%	
32) Benzene-d6	8.270	84	607520	27.289	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 109.160%	
36) 1,2-Dichloropropane-d6	9.270	67	169602	25.836	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 103.360%	
41) Toluene-d8	10.319	98	552225	27.227	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 108.920%	
43) trans-1,3-Dichloroprop...	10.575	79	69647	25.485	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 101.920%	
47) 2-Hexanone-d5	10.922	63	46076	48.837	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 97.680%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	123037	24.608	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 98.440%	
66) 1,2-Dichlorobenzene-d4	13.848	152	171848	24.881	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 99.520%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	137332	26.495	ug/L	95
3) Chloromethane	2.229	50	138201	21.688	ug/L	99
5) Vinyl chloride	2.375	62	158398	24.106	ug/L	98
6) Bromomethane	2.789	94	104549	22.786	ug/L	93
8) Chloroethane	2.936	64	93551	23.737	ug/L	98
9) Trichlorofluoromethane	3.271	101	193561	21.297	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	143000	23.254	ug/L	97
12) 1,1-Dichloroethene	4.039	96	136372	22.761	ug/L	88
13) Acetone	4.118	43	82822	45.466	ug/L	98
14) Carbon disulfide	4.387	76	457566	23.562	ug/L	99
15) Methyl Acetate	4.667	43	46605	19.710	ug/L	100
16) Methylene chloride	4.917	84	138228	22.084	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	143971	22.152	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	196380	20.969	ug/L	99
19) 1,1-Dichloroethane	6.216	63	255911	22.470	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	151771	22.133	ug/L	97
22) 2-Butanone	7.167	43	86594	43.958	ug/L	100
23) Bromochloromethane	7.514	128	68877	22.418	ug/L	86
25) Chloroform	7.673	83	264845	22.247	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	159346	22.460	ug/L	98
29) Cyclohexane	7.953	56	217600	23.664	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	221815	23.261	ug/L	99
31) Carbon tetrachloride	8.069	117	205708	23.724	ug/L	97
33) Benzene	8.319	78	590760	23.477	ug/L	100
34) Trichloroethene	9.093	95	158268	23.218	ug/L	95
35) Methylcyclohexane	9.331	83	266272	24.308	ug/L	99
37) 1,2-Dichloropropane	9.361	63	143807	22.921	ug/L	100
38) Bromodichloromethane	9.642	83	183423	23.229	ug/L	90
39) cis-1,3-Dichloropropene	10.069	75	220844	23.355	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	131411	44.515	ug/L	100
42) Toluene	10.386	91	631188	23.751	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	179689	23.533	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	103043	22.580	ug/L	98
46) Tetrachloroethene	10.861	164	122263	22.429	ug/L	94
48) 2-Hexanone	10.965	43	116908	50.089	ug/L	97
49) Dibromochloromethane	11.123	129	119829	23.611	ug/L	99
50) 1,2-Dibromoethane	11.233	107	97979	22.562	ug/L	96
51) Chlorobenzene	11.654	112	398690	22.940	ug/L	96
52) Ethylbenzene	11.727	91	717981	24.097	ug/L	100
53) m,p-Xylene	11.837	106	278420	24.483	ug/L	93
54) o-Xylene	12.160	106	257525	24.096	ug/L	99
55) Styrene	12.178	104	437551	24.057	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	114030	22.402	ug/L	95
59) Bromoform	12.343	173	66895	22.618	ug/L	95
60) Isopropylbenzene	12.458	105	706549	24.539	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	79534	21.985	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	567031	24.965	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	552988	24.683	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	317614	24.187	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	308430	22.573	ug/L	99
67) 1,2-Dichlorobenzene	13.861	146	275040	23.365	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	16866	21.330	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	201616	22.460	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	165264	23.021	ug/L	99
71) Naphthalene	15.360	128	279780	23.052	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	145650	22.795	ug/L	96

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

