

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091924\
 Data File : VW030163.D
 Acq On : 19 Sep 2024 21:20
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025484

Quant Time: Sep 20 01:34:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 20 01:21:33 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	360195	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	335801	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	169037	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	82804	17.801	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	71.200%		
7) Chloroethane-d5	2.899	69	65201	19.854	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	79.400%		
11) 1,1-Dichloroethene-d2	4.027	65	45475	19.566	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery =	78.280%		
21) 2-Butanone-d5	7.081	46	57343	50.911	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	101.820%		
24) Chloroform-d	7.648	84	222635	22.480	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery =	89.920%		
26) 1,2-Dichloroethane-d4	8.307	65	111648	22.449	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery =	89.800%		
32) Benzene-d6	8.276	84	433593	22.414	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery =	89.640%		
36) 1,2-Dichloropropane-d6	9.270	67	132257	22.143	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery =	88.560%		
41) Toluene-d8	10.318	98	411722	23.750	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery =	95.000%		
43) trans-1,3-Dichloroprop...	10.575	79	54696	22.857	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery =	91.440%		
47) 2-Hexanone-d5	10.922	63	53749	58.808	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	117.620%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	111203	25.008	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery =	100.040%		
66) 1,2-Dichlorobenzene-d4	13.848	152	133108	23.197	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery =	92.800%		
Target Compounds						
2) Dichlorodifluoromethane	2.015	85	71883	18.099	ug/L #	88
3) Chloromethane	2.222	50	70292	18.956	ug/L	99
5) Vinyl chloride	2.375	62	91030	19.919	ug/L	100
6) Bromomethane	2.789	94	58880	21.506	ug/L	97
8) Chloroethane	2.936	64	56587	20.747	ug/L	97
9) Trichlorofluoromethane	3.265	101	107834	20.007	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	108775	22.262	ug/L	95
12) 1,1-Dichloroethene	4.051	96	102643	23.873	ug/L	76
13) Acetone	4.131	43	47962	37.116	ug/L	95
14) Carbon disulfide	4.393	76	244569	20.024	ug/L	99
15) Methyl Acetate	4.673	43	50203	24.023	ug/L	93
16) Methylene chloride	4.923	84	126003	23.723	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	110508	23.315	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	204841	27.422	ug/L	97
19) 1,1-Dichloroethane	6.216	63	221703	23.035	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	133994	25.759	ug/L	98
22) 2-Butanone	7.173	43	68878	45.028	ug/L	93
23) Bromochloromethane	7.514	128	60557	26.050	ug/L #	85
25) Chloroform	7.679	83	234715	24.011	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	147450	24.054	ug/L	97
29) Cyclohexane	7.959	56	162125	22.661	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	186758	22.993	ug/L	98
31) Carbon tetrachloride	8.069	117	161358	21.862	ug/L	97
33) Benzene	8.325	78	495851	24.152	ug/L	100
34) Trichloroethene	9.093	95	130886	23.616	ug/L	94
35) Methylcyclohexane	9.337	83	204793	23.969	ug/L	95
37) 1,2-Dichloropropane	9.367	63	133108	23.920	ug/L	99
38) Bromodichloromethane	9.642	83	168505	24.048	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	205205	25.207	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	155346	54.634	ug/L	97
42) Toluene	10.386	91	544682	25.002	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	171745	25.079	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	105098	25.956	ug/L	93
46) Tetrachloroethene	10.861	164	106310	25.996	ug/L	87
48) 2-Hexanone	10.965	43	106613	48.759	ug/L #	94
49) Dibromochloromethane	11.129	129	111910	25.394	ug/L	97
50) 1,2-Dibromoethane	11.233	107	97400	26.087	ug/L #	92
51) Chlorobenzene	11.654	112	352188	25.029	ug/L	91
52) Ethylbenzene	11.727	91	626402	25.119	ug/L	100
53) m,p-Xylene	11.837	106	236533	25.708	ug/L	96
54) o-Xylene	12.166	106	231682	26.759	ug/L	87
55) Styrene	12.178	104	397253	26.452	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	122132	25.270	ug/L	95
59) Bromoform	12.349	173	70348	26.295	ug/L	99
60) Isopropylbenzene	12.458	105	643720	25.865	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	88427	25.146	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	522252	28.630	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	502785	26.513	ug/L	95
64) 1,3-Dichlorobenzene	13.495	146	277233	25.134	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	269677	23.665	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	254191	25.571	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	19236	25.082	ug/L #	72
69) 1,3,5-Trichlorobenzene	14.623	180	196364	25.505	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	166229	26.654	ug/L	98
71) Naphthalene	15.354	128	355395	31.381	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	143990	26.329	ug/L	96

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

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