

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102424\
 Data File : VW030756.D
 Acq On : 24 Oct 2024 20:18
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025536

Quant Time: Oct 25 04:40:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 25 01:42:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	249710	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	235858	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	118240	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	100161	25.518	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.080%	
7) Chloroethane-d5	2.899	69	82279	27.693	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 110.760%	
11) 1,1-Dichloroethene-d2	4.027	65	43395	26.581	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 106.320%	
21) 2-Butanone-d5	7.075	46	43625	61.760	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 123.520%	
24) Chloroform-d	7.654	84	192097	26.900	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 107.600%	
26) 1,2-Dichloroethane-d4	8.307	65	99929	26.910	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 107.640%	
32) Benzene-d6	8.276	84	359742	26.279	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 105.120%	
36) 1,2-Dichloropropane-d6	9.276	67	106038	26.391	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 105.560%	
41) Toluene-d8	10.325	98	343198	27.463	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 109.840%	
43) trans-1,3-Dichloroprop...	10.575	79	45876	27.268	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 109.080%	
47) 2-Hexanone-d5	10.922	63	35698	68.981	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 137.960%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	84827	28.748	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 115.000%	
66) 1,2-Dichlorobenzene-d4	13.848	152	104038	26.005	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 104.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	75582	23.691	ug/L	98
3) Chloromethane	2.222	50	82954	22.372	ug/L	96
5) Vinyl chloride	2.375	62	112129	24.589	ug/L	100
6) Bromomethane	2.789	94	73164	24.377	ug/L	89
8) Chloroethane	2.936	64	72472	25.998	ug/L	95
9) Trichlorofluoromethane	3.271	101	113996	27.939	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	94228	25.669	ug/L	96
12) 1,1-Dichloroethene	4.045	96	88521	26.422	ug/L	95
13) Acetone	4.124	43	53256	51.498	ug/L	100
14) Carbon disulfide	4.387	76	230283	21.049	ug/L	100
15) Methyl Acetate	4.667	43	40606	31.787	ug/L	99
16) Methylene chloride	4.917	84	98647	26.131	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	94479	26.135	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	169446	33.490	ug/L	99
19) 1,1-Dichloroethane	6.222	63	185485	27.606	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	109386	28.368	ug/L	97
22) 2-Butanone	7.173	43	62513	56.080	ug/L	99
23) Bromochloromethane	7.520	128	48006	28.459	ug/L	98
25) Chloroform	7.679	83	199904	27.841	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	132709	28.016	ug/L	100
29) Cyclohexane	7.959	56	148113	25.798	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	168396	26.896	ug/L	99
31) Carbon tetrachloride	8.075	117	149903	26.806	ug/L	98
33) Benzene	8.325	78	410466	26.743	ug/L	100
34) Trichloroethene	9.093	95	110571	25.894	ug/L	95
35) Methylcyclohexane	9.337	83	174270	25.933	ug/L	99
37) 1,2-Dichloropropane	9.367	63	105101	27.417	ug/L	100
38) Bromodichloromethane	9.642	83	143122	28.062	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	164802	28.502	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	123241	66.921	ug/L	99
42) Toluene	10.386	91	449828	27.471	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	139834	28.779	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	82070	29.623	ug/L	99
46) Tetrachloroethene	10.861	164	82428	26.173	ug/L	97
48) 2-Hexanone	10.965	43	90779	60.278	ug/L	98
49) Dibromochloromethane	11.129	129	89732	29.027	ug/L	97
50) 1,2-Dibromoethane	11.233	107	73248	28.334	ug/L	95
51) Chlorobenzene	11.654	112	287478	27.273	ug/L	99
52) Ethylbenzene	11.727	91	520938	27.881	ug/L	99
53) m,p-Xylene	11.836	106	197713	28.245	ug/L	99
54) o-Xylene	12.166	106	183687	28.384	ug/L	93
55) Styrene	12.178	104	315799	28.545	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	96754	30.969	ug/L	92
59) Bromoform	12.349	173	50172	30.201	ug/L	97
60) Isopropylbenzene	12.458	105	528960	28.888	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	70357	30.579	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	415882	28.789	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	427779	30.244	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	225214	28.257	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	217455	26.423	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	198927	28.363	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	15163	29.556	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	147964	28.152	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	119544	28.253	ug/L	96
71) Naphthalene	15.360	128	236262	32.320	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	109058	29.732	ug/L	95

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

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