

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102524\
 Data File : VW030758.D
 Acq On : 25 Oct 2024 10:04
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025537

Quant Time: Oct 25 23:15:58 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	8.837	114	272509	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	247508	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	126792	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	100707	23.511	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.040%
7) Chloroethane-d5	2.893	69	86653	26.725	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.920%
11) 1,1-Dichloroethene-d2	4.015	65	42742	23.991	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.960%
21) 2-Butanone-d5	7.075	46	36467	47.307	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.620%
24) Chloroform-d	7.648	84	199528	25.603	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	8.301	65	101221	24.978	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.920%
32) Benzene-d6	8.270	84	378972	26.381	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.520%
36) 1,2-Dichloropropane-d6	9.270	67	109206	25.901	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.600%
41) Toluene-d8	10.319	98	355705	27.124	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.480%
43) trans-1,3-Dichloroprop...	10.575	79	44581	25.251	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.000%
47) 2-Hexanone-d5	10.922	63	31159	57.376	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.760%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	80788	26.090	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.360%
66) 1,2-Dichlorobenzene-d4	13.849	152	104565	24.373	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	80032	22.987	ug/L	100
3) Chloromethane	2.223	50	95288	23.548	ug/L	96
5) Vinyl chloride	2.375	62	118574	23.827	ug/L	98
6) Bromomethane	2.790	94	79517	24.277	ug/L	99
8) Chloroethane	2.930	64	79214	26.040	ug/L	96
9) Trichlorofluoromethane	3.259	101	104558	23.482	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	103578	25.855	ug/L #	81
12) 1,1-Dichloroethene	4.039	96	85314	23.334	ug/L	85
13) Acetone	4.125	43	56040	49.657	ug/L	95
14) Carbon disulfide	4.387	76	235328	19.711	ug/L	99
15) Methyl Acetate	4.673	43	37422	26.844	ug/L	99
16) Methylene chloride	4.911	84	97480	23.662	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	99274	25.163	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	152994	27.709	ug/L	100
19) 1,1-Dichloroethane	6.216	63	201321	27.456	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	113832	27.051	ug/L	97
22) 2-Butanone	7.167	43	62332	51.239	ug/L	99
23) Bromochloromethane	7.514	128	48586	26.393	ug/L	93
25) Chloroform	7.673	83	214854	27.420	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	133116	25.751	ug/L	100
29) Cyclohexane	7.953	56	151160	25.089	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	179931	27.385	ug/L	98
31) Carbon tetrachloride	8.063	117	155630	26.520	ug/L	100
33) Benzene	8.319	78	432544	26.855	ug/L	100
34) Trichloroethene	9.087	95	116597	26.020	ug/L	97
35) Methylcyclohexane	9.331	83	173756	24.639	ug/L	99
37) 1,2-Dichloropropane	9.368	63	112631	27.999	ug/L	99
38) Bromodichloromethane	9.642	83	153375	28.657	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	170887	28.163	ug/L	94
40) 4-Methyl-2-pentanone	10.203	43	114807	59.407	ug/L	99
42) Toluene	10.386	91	481989	28.050	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	144348	28.310	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	81628	28.077	ug/L	95
46) Tetrachloroethene	10.861	164	86889	26.290	ug/L	95
48) 2-Hexanone	10.965	43	90875	57.501	ug/L	99
49) Dibromochloromethane	11.123	129	92249	28.437	ug/L	88
50) 1,2-Dibromoethane	11.233	107	75565	27.854	ug/L	91
51) Chlorobenzene	11.654	112	299195	27.048	ug/L	99
52) Ethylbenzene	11.727	91	557236	28.420	ug/L	99
53) m,p-Xylene	11.837	106	204260	27.807	ug/L	98
54) o-Xylene	12.160	106	195931	28.851	ug/L	98
55) Styrene	12.178	104	338503	29.157	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.709	83	92247	28.136	ug/L	97
59) Bromoform	12.343	173	48550	27.254	ug/L	98
60) Isopropylbenzene	12.459	105	557340	28.385	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	65503	26.549	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	441435	28.496	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	441307	29.096	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	230314	26.947	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	235710	26.709	ug/L	95
67) 1,2-Dichlorobenzene	13.861	146	209670	27.879	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	14535	26.421	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	149916	26.600	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	122370	26.970	ug/L	99
71) Naphthalene	15.354	128	220577	28.139	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	110786	28.166	ug/L	98

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

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