

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110223\
 Data File : VW027515.D
 Acq On : 02 Nov 2023 11:59
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025548

Quant Time: Nov 02 22:02:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 02 03:33:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	336280	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	312786	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	166817	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	94108	18.337	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.360%
7) Chloroethane-d5	2.905	69	84552	22.945	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.760%
11) 1,1-Dichloroethene-d2	4.027	65	49159	19.116	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.480%
21) 2-Butanone-d5	7.081	46	81763	47.932	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.860%
24) Chloroform-d	7.654	84	251936	25.136	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.560%
26) 1,2-Dichloroethane-d4	8.307	65	125741	23.355	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	8.276	84	465482	21.996	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	9.276	67	158106	24.460	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.840%
41) Toluene-d8	10.324	98	399914	20.839	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.360%
43) trans-1,3-Dichloroprop...	10.581	79	55402	18.799	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.200%
47) 2-Hexanone-d5	10.922	63	61294	45.834	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.660%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	125176	25.956	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.840%
66) 1,2-Dichlorobenzene-d4	13.854	152	142736	23.612	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.440%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	96382	24.089	ug/L	93
3) Chloromethane	2.222	50	119446	25.977	ug/L	96
5) Vinyl chloride	2.375	62	141159	27.483	ug/L	99
6) Bromomethane	2.795	94	77739	26.573	ug/L	94
8) Chloroethane	2.942	64	85549	28.935	ug/L	98
9) Trichlorofluoromethane	3.277	101	117910	32.539	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	126541	27.888	ug/L	98
12) 1,1-Dichloroethene	4.045	96	114295	25.920	ug/L	86
13) Acetone	4.130	43	70214	47.657	ug/L	99
14) Carbon disulfide	4.393	76	290887	21.279	ug/L	99
15) Methyl Acetate	4.679	43	56391	22.409	ug/L	97
16) Methylene chloride	4.917	84	140296	22.792	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	120636	25.456	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	208538	25.505	ug/L	99
19) 1,1-Dichloroethane	6.222	63	270731	28.000	ug/L	96
20) cis-1,2-Dichloroethene	7.179	96	142760	26.675	ug/L	98
22) 2-Butanone	7.173	43	84940	38.517	ug/L	100
23) Bromochloromethane	7.520	128	55903	25.300	ug/L	91
25) Chloroform	7.679	83	260239	28.757	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	161059	26.200	ug/L	99
29) Cyclohexane	7.959	56	227450	23.950	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	210902	27.642	ug/L	99
31) Carbon tetrachloride	8.075	117	175635	25.529	ug/L	100
33) Benzene	8.325	78	554177	27.110	ug/L	100
34) Trichloroethene	9.093	95	142818	26.450	ug/L	93
35) Methylcyclohexane	9.337	83	235097	24.347	ug/L	99
37) 1,2-Dichloropropane	9.367	63	155856	28.198	ug/L	99
38) Bromodichloromethane	9.642	83	179365	26.391	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	227870	24.958	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	172186	45.299	ug/L	99
42) Toluene	10.385	91	579675	27.032	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	178330	23.148	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	99859	26.255	ug/L	97
46) Tetrachloroethene	10.861	164	100170	26.866	ug/L	90
48) 2-Hexanone	10.971	43	124187	44.142	ug/L	98
49) Dibromochloromethane	11.123	129	103970	24.614	ug/L	97
50) 1,2-Dibromoethane	11.233	107	89295	24.215	ug/L	99
51) Chlorobenzene	11.654	112	371543	27.669	ug/L	95
52) Ethylbenzene	11.727	91	687080	27.572	ug/L	98
53) m,p-Xylene	11.836	106	250858	26.541	ug/L	98
54) o-Xylene	12.166	106	241906	26.727	ug/L	99
55) Styrene	12.178	104	418903	27.100	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	118505	25.523	ug/L	97
59) Bromoform	12.349	173	53260	21.456	ug/L	99
60) Isopropylbenzene	12.464	105	695166	26.527	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	84302	23.145	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	572437	26.187	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	559057	26.139	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	288075	27.108	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	290484	27.371	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	254727	27.013	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	17020	18.696	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	198764	28.812	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	155148	26.423	ug/L	98
71) Naphthalene	15.360	128	273828	22.678	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	128238	26.560	ug/L	94

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

Instrument :
MSVOA_W
ClientSampleId :
VSTD025548

Abundance

TIC: VW027515.D\data.ms

Time-->

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

1600000

1500000

1400000

1300000

1200000

1100000

1000000

900000

800000

700000

600000

500000

400000

300000

200000

100000

0

Dichlorodifluoromethane, T

Chloromethane, T

Vinyl Chloride-d3, S

Bromomethane, T

Chloroethane, S

Trichlorofluoromethane, T

Acetone, T

1,1,2-Trichloro-1,2,2,2-tetrafluoroethane, T

Carbon disulfide, T

Methyl Acetate, T

Methylene chloride, T

Methyl tert-butyl ether, T

1,1-Dichloroethane, T

2-Butanone-d5, S

cis-2,3-Dichlorobutene, T

Bromochloromethane, T

Chloroform, S

1,1,1-Trichloroethane, T

Carbon tetrachloride, T

1,2-Dichloroethane, T

1,2-Dichloroethane-d2, S

1,4-Difluorobenzene, I

Trichloroethene, T

1,2-Dichloropropane, T

Methylcyclohexane, T

Bromodichloromethane, T

cis-1,3-Dichloropropene, T

4-Methyl-2-pentanol, I

Toluene-d8, S

trans-1,3-Dichloropropene, T

1,3,3-Dichloropropene, T

1,1,2-Trichloroethane, T

2-Hexanone-d5, S

Dibromochloromethane, T

1,2-Dibromodifluoroethane, T

Chlorobenzene-d5, T

Chlorobenzene, T

m,p-Xylene, T

Ethylbenzene, T

Bromoform, T

1,2,3-Trichloropropane, T

1,2,3-Trichloropropane-d2, S

1,3,5-Trimethylbenzene

1,2,4-Trimethylbenzene

1,3-Dichlorobenzene, T

1,2,4-Dichlorobenzene, T

1,2-Dichlorobenzene-d4, S

1,3,5-Trichlorobenzene

1,2-Dibromo-3-chloropropane, T

1,2,4-trichlorobenzene, T

Naphthalene

1,2,3-Trichlorobenzene, T