

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060623\
 Data File : VW026118.D
 Acq On : 06 Jun 2023 19:37
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025507

Quant Time: Jun 07 01:10:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 07 01:06:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	704372	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	657422	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	314519	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	238364	24.055	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.240%
7) Chloroethane-d5	2.899	69	205467	27.700	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.800%
11) 1,1-Dichloroethene-d2	4.021	65	115515	23.642	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.560%
21) 2-Butanone-d5	7.075	46	161057	55.828	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.660%
24) Chloroform-d	7.648	84	508933	24.674	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.680%
26) 1,2-Dichloroethane-d4	8.307	65	282276	25.027	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.120%
32) Benzene-d6	8.276	84	1036664	23.434	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.720%
36) 1,2-Dichloropropane-d6	9.270	67	332584	23.731	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.920%
41) Toluene-d8	10.318	98	923032	23.528	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.120%
43) trans-1,3-Dichloroprop...	10.575	79	122341	22.029	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.120%
47) 2-Hexanone-d5	10.922	63	115383	52.214	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	251940	24.704	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	271461	22.550	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	193858	22.451	ug/L	98
3) Chloromethane	2.228	50	290977	26.281	ug/L	97
5) Vinyl chloride	2.375	62	287626	24.304	ug/L	98
6) Bromomethane	2.783	94	163960	25.414	ug/L	99
8) Chloroethane	2.930	64	173427	27.118	ug/L	96
9) Trichlorofluoromethane	3.265	101	181614	23.854	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	224254	23.342	ug/L	99
12) 1,1-Dichloroethene	4.045	96	215563	24.037	ug/L	99
13) Acetone	4.118	43	104845	46.969	ug/L	100
14) Carbon disulfide	4.393	76	744897	23.529	ug/L	99
15) Methyl Acetate	4.667	43	135918	27.130	ug/L	99
16) Methylene chloride	4.917	84	246655	21.940	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	240310	23.883	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	386441	24.368	ug/L	99
19) 1,1-Dichloroethane	6.216	63	506739	24.738	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	267924	25.138	ug/L	98
22) 2-Butanone	7.167	43	168589	52.945	ug/L	99
23) Bromochloromethane	7.520	128	113552	24.982	ug/L	96
25) Chloroform	7.673	83	467550	24.505	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	330345	25.104	ug/L	98
29) Cyclohexane	7.959	56	450364	22.189	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	356600	22.352	ug/L	100
31) Carbon tetrachloride	8.069	117	321053	22.053	ug/L	99
33) Benzene	8.325	78	1063257	23.609	ug/L	100
34) Trichloroethene	9.093	95	262703	22.780	ug/L	97
35) Methylcyclohexane	9.331	83	448784	21.993	ug/L	99
37) 1,2-Dichloropropane	9.367	63	289335	23.720	ug/L	100
38) Bromodichloromethane	9.642	83	332847	23.487	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	414234	23.108	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	378822	52.676	ug/L	100
42) Toluene	10.386	91	1083708	23.527	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	345970	23.167	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	193868	24.115	ug/L	96
46) Tetrachloroethene	10.861	164	177483	21.759	ug/L	95
48) 2-Hexanone	10.965	43	265292	52.318	ug/L	98
49) Dibromochloromethane	11.123	129	205078	24.331	ug/L	90
50) 1,2-Dibromoethane	11.233	107	178056	23.920	ug/L	99
51) Chlorobenzene	11.654	112	669138	23.182	ug/L	99
52) Ethylbenzene	11.727	91	1218791	23.455	ug/L	98
53) m,p-Xylene	11.836	106	450549	23.308	ug/L	96
54) o-Xylene	12.160	106	429665	23.550	ug/L	100
55) Styrene	12.178	104	742554	23.723	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	239953	24.663	ug/L	96
59) Bromoform	12.349	173	111791	23.665	ug/L	99
60) Isopropylbenzene	12.458	105	1168208	23.644	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	174039	24.703	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	927699	23.619	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	843255	23.440	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	467725	22.514	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	481869	23.039	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	442166	23.702	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	38205	23.406	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	310716	21.773	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	240546	20.428	ug/L	99
71) Naphthalene	15.360	128	494099	23.543	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	229912	22.341	ug/L	96

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

Instrument :
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TIC: VW026118.D\data.ms

Abundance

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

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300000
200000
100000
0

Chlorodifluoromethane, T
Chloromethane, T
Vinyl Chloride, d3, S
Bromomethane, T
Carbon tetrachloride, S
Trichlorofluoromethane, T
Acetone, T
1,1-Dichloroethane, T
1,1,1-Trichloroethane, T
Carbon disulfide, T
Methyl Acetate, T
Methylene chloride, T
Methyl 2-Dichloroethane, T
1,1-Dichloroethane, T
2-Butanone-d5, S
2-Chloro-1,3-Dichloroethane, T
Bromochloromethane, T
1,1,1-Trichloroethane, T
Carbon tetrachloride, T
1,2-Dichloroethane, T
1,2-Dichloroethane, S
1,4-Difluorobenzene, I
Trichloroethene, T
1,2-Dichloropropane, T
Methylcyclohexane, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
4-Methyl-2-Pentanone, I
trans-1,3-Dichloropropene, T
cis-1,3-Dichloropropene, T
1,1,2-Trichloroethane, T
2,2,4,4-Tetrafluorobutane, S
Dibromochloromethane, T
1,2-Dibromobutane, I
Ethylbenzene, T
Chlorobenzene, d5, T
m,p-Xylene, T
o-Xylene, T
Styrene, T
Isopropylbenzene
1,3,5-Trimethylbenzene
1,2,4-Trimethylbenzene
1,3-Dichlorobenzene, T
1,4-Dichlorobenzene, d4, I
1,2-Dichlorobenzene, S
1,3,5-Trichlorobenzene, T
1,2,3-Trichlorobenzene, T
1,3,5-Trichlorobenzene
1,2-Dibromo-3-chloropropane, T
1,2-Trichlorobenzene, T
Naphthalene
1,2,3-Trichlorobenzene, T
1,2,4-trichlorobenzene, T