

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026509.D
 Acq On : 01 Jul 2023 06:48
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025547

Quant Time: Jul 03 01:17:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 01 01:41:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	772775	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	711872	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	353240	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	168642	19.166	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.680%
7) Chloroethane-d5	2.893	69	181195	25.290	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.160%
11) 1,1-Dichloroethene-d2	4.021	65	82695	18.784	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.120%
21) 2-Butanone-d5	7.075	46	124612	37.474	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.940%
24) Chloroform-d	7.648	84	372505	19.776	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.120%
26) 1,2-Dichloroethane-d4	8.307	65	215451	20.926	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.720%
32) Benzene-d6	8.276	84	690935	16.689	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	66.760%
36) 1,2-Dichloropropane-d6	9.276	67	286211	21.690	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.760%
41) Toluene-d8	10.325	98	822541	22.491	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.960%
43) trans-1,3-Dichloroprop...	10.575	79	107068	20.130	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.520%
47) 2-Hexanone-d5	10.922	63	107663	48.789	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.580%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	252413	24.774	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.080%
66) 1,2-Dichlorobenzene-d4	13.854	152	277114	22.530	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	177791	23.577	ug/L	99
3) Chloromethane	2.222	50	231081	21.739	ug/L	96
5) Vinyl chloride	2.375	62	238682	21.787	ug/L	99
6) Bromomethane	2.789	94	180982	29.049	ug/L	99
8) Chloroethane	2.930	64	194829	29.323	ug/L	99
9) Trichlorofluoromethane	3.265	101	161902	20.324	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	190632	21.560	ug/L #	72
12) 1,1-Dichloroethene	4.039	96	179561	20.749	ug/L	95
13) Acetone	4.118	43	88264	37.575	ug/L	94
14) Carbon disulfide	4.393	76	570848	20.383	ug/L	99
15) Methyl Acetate	4.667	43	125186	24.544	ug/L	100
16) Methylene chloride	4.917	84	215686	16.518	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	203338	21.843	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	380519	25.012	ug/L	95
19) 1,1-Dichloroethane	6.216	63	423913	22.631	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	223417	21.189	ug/L	96
22) 2-Butanone	7.167	43	144146	37.429	ug/L	99
23) Bromochloromethane	7.514	128	93267	21.268	ug/L	93
25) Chloroform	7.679	83	406227	22.344	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	304796	24.519	ug/L	98
29) Cyclohexane	7.959	56	372652	18.466	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	331861	21.884	ug/L	98
31) Carbon tetrachloride	8.063	117	290351	21.267	ug/L	100
33) Benzene	8.325	78	875426	19.638	ug/L	100
34) Trichloroethene	9.093	95	278722	24.544	ug/L	97
35) Methylcyclohexane	9.337	83	515196	25.466	ug/L	100
37) 1,2-Dichloropropane	9.367	63	303266	25.626	ug/L	100
38) Bromodichloromethane	9.642	83	375343	28.258	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	428008	24.164	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	433357	53.333	ug/L	100
42) Toluene	10.386	91	1148077	25.172	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	354767	24.507	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	211142	26.191	ug/L	98
46) Tetrachloroethene	10.861	164	186603	23.242	ug/L	87
48) 2-Hexanone	10.965	43	287689	52.749	ug/L	99
49) Dibromochloromethane	11.129	129	215105	26.790	ug/L	100
50) 1,2-Dibromoethane	11.233	107	191646	25.853	ug/L	97
51) Chlorobenzene	11.654	112	754994	26.754	ug/L	98
52) Ethylbenzene	11.727	91	1324732	25.812	ug/L	98
53) m,p-Xylene	11.836	106	490526	25.776	ug/L	100
54) o-Xylene	12.166	106	474139	26.863	ug/L	94
55) Styrene	12.178	104	797076	26.457	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	277875	28.228	ug/L	100
59) Bromoform	12.349	173	130552	27.912	ug/L	100
60) Isopropylbenzene	12.458	105	1398420	27.142	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	207939	26.933	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1154904	28.189	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1151975	28.781	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	564133	26.097	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	558003	25.954	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	521053	26.636	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.482	75	46154	26.087	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	368848	25.065	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	305487	23.985	ug/L	98
71) Naphthalene	15.360	128	674979	25.999	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	247992	22.642	ug/L	97

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

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