

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
 Data File : VW027122.D
 Acq On : 18 Sep 2023 12:41
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV439

Quant Time: Sep 18 22:32:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Sep 18 22:25:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	537079	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	503498	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	294488	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	184326	21.331	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.320%
7) Chloroethane-d5	2.899	69	145428	21.793	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.160%
11) 1,1-Dichloroethene-d2	4.027	65	79794	21.538	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.160%
21) 2-Butanone-d5	7.081	46	74326	46.452	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.900%
24) Chloroform-d	7.648	84	370675	22.973	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.880%
26) 1,2-Dichloroethane-d4	8.307	65	180124	22.878	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.520%
32) Benzene-d6	8.276	84	791204	24.333	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.320%
36) 1,2-Dichloropropane-d6	9.276	67	222457	24.178	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.720%
41) Toluene-d8	10.318	98	726000	25.087	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.360%
43) trans-1,3-Dichloroprop...	10.574	79	89284	24.014	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.040%
47) 2-Hexanone-d5	10.922	63	61159	55.164	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.320%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	182243	24.721	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	247134	23.499	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	135386	22.160	ug/L	96
3) Chloromethane	2.228	50	164394	25.077	ug/L	99
5) Vinyl chloride	2.375	62	210123	23.556	ug/L	99
6) Bromomethane	2.789	94	148145	23.915	ug/L	99
8) Chloroethane	2.936	64	128218	24.649	ug/L	95
9) Trichlorofluoromethane	3.265	101	167323	24.155	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	196378	24.604	ug/L	95
12) 1,1-Dichloroethene	4.045	96	192957	24.634	ug/L	89
13) Acetone	4.124	43	69720	46.122	ug/L	95
14) Carbon disulfide	4.393	76	642052	24.588	ug/L	100
15) Methyl Acetate	4.673	43	74425	24.955	ug/L	98
16) Methylene chloride	4.917	84	231773	22.683	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	210699	24.788	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	295857	26.196	ug/L	99
19) 1,1-Dichloroethane	6.222	63	368190	24.701	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	228567	25.567	ug/L	99
22) 2-Butanone	7.167	43	95452	46.744	ug/L	96
23) Bromochloromethane	7.520	128	104105	25.294	ug/L	93
25) Chloroform	7.679	83	376153	24.572	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	233825	25.206	ug/L	100
29) Cyclohexane	7.959	56	329635	27.352	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	305773	25.697	ug/L	100
31) Carbon tetrachloride	8.069	117	278638	26.424	ug/L	98
33) Benzene	8.325	78	883685	26.573	ug/L	100
34) Trichloroethene	9.093	95	222152	25.278	ug/L	94
35) Methylcyclohexane	9.337	83	403437	26.912	ug/L	99
37) 1,2-Dichloropropane	9.367	63	213475	25.849	ug/L	100
38) Bromodichloromethane	9.648	83	264153	26.155	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	332239	26.857	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	204356	55.175	ug/L	98
42) Toluene	10.385	91	965631	27.480	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	277797	26.758	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	166816	26.252	ug/L	98
46) Tetrachloroethene	10.861	164	195305	26.366	ug/L	77
48) 2-Hexanone	10.965	43	149622	56.017	ug/L	100
49) Dibromochloromethane	11.129	129	172809	25.986	ug/L	95
50) 1,2-Dibromoethane	11.233	107	154650	26.519	ug/L	88
51) Chlorobenzene	11.654	112	604663	26.074	ug/L	98
52) Ethylbenzene	11.727	91	1048052	27.194	ug/L	98
53) m,p-Xylene	11.836	106	412916	27.937	ug/L	95
54) o-Xylene	12.166	106	385375	27.370	ug/L	98
55) Styrene	12.178	104	680667	28.213	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	195168	26.214	ug/L	97
59) Bromoform	12.349	173	111763	26.197	ug/L	99
60) Isopropylbenzene	12.458	105	1066078	27.020	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	135447	24.662	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	885625	28.049	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	847270	27.695	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	482010	25.835	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	489453	25.241	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	426944	25.037	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	29823	24.520	ug/L	89
69) 1,3,5-Trichlorobenzene	14.629	180	339316	25.265	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	271799	25.536	ug/L	98
71) Naphthalene	15.360	128	488260	27.575	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	255657	26.607	ug/L	96

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

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