

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032023\
 Data File : VW025432.D
 Acq On : 20 Mar 2023 10:51
 Operator : SY/MD
 Sample : 01977-16MS
 Misc : 8.34g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EYGA2MS

Quant Time: Mar 20 23:50:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Mar 20 23:49:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	754197	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	625855	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	238766	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	240194	19.154	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.600%
7) Chloroethane-d5	2.899	69	196512	21.779	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.120%
11) 1,1-Dichloroethene-d2	4.033	63	512954	21.179	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.720%
21) 2-Butanone-d5	7.075	46	243678	79.166	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	158.340%#
24) Chloroform-d	7.648	84	536689	24.684	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.720%
26) 1,2-Dichloroethane-d4	8.306	65	325989	27.934	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.720%
32) Benzene-d6	8.276	84	1074243	25.120	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.480%
36) 1,2-Dichloropropane-d6	9.276	67	357153	26.997	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.000%
41) Toluene-d8	10.324	98	914956	24.267	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.080%
43) trans-1,3-Dichloroprop...	10.574	79	135183	25.661	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.640%
47) 2-Hexanone-d5	10.922	63	158844	83.498	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	167.000%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	333008	34.358	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	137.440%#
66) 1,2-Dichlorobenzene-d4	13.848	152	238675	26.881	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	166070	19.268	ug/L #	87
3) Chloromethane	2.228	50	240503	23.462	ug/L	99
5) Vinyl chloride	2.381	62	272382	23.519	ug/L	96
6) Bromomethane	2.789	94	144504	23.404	ug/L	98
8) Chloroethane	2.935	64	158544	23.819	ug/L	96
9) Trichlorofluoromethane	3.271	101	205021	20.453	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	234785	24.153	ug/L	99
12) 1,1-Dichloroethene	4.051	96	214485	22.805	ug/L	95
13) Acetone	4.124	43	178665	60.381	ug/L	98
14) Carbon disulfide	4.392	76	640574	21.906	ug/L	99
15) Methyl Acetate	4.673	43	181968	32.781	ug/L	98
16) Methylene chloride	4.923	84	258469	24.612	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	227866	23.112	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	467845	31.520	ug/L	95
19) 1,1-Dichloroethane	6.221	63	507112	24.838	ug/L	99
20) cis-1,2-Dichloroethene	7.172	96	259324	24.024	ug/L #	91
22) 2-Butanone	7.172	43	245778	64.210	ug/L	100
23) Bromochloromethane	7.514	128	121451	26.164	ug/L	91
25) Chloroform	7.678	83	471025	24.542	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	360901	28.177	ug/L	99
29) Cyclohexane	7.959	56	469594	26.582	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	370846	24.926	ug/L	99
31) Carbon tetrachloride	8.075	117	320269	24.015	ug/L	100
33) Benzene	8.325	78	1049269	26.223	ug/L	100
34) Trichloroethene	9.093	95	232455	22.134	ug/L	98
35) Methylcyclohexane	9.337	83	435697	24.083	ug/L	98
37) 1,2-Dichloropropane	9.367	63	299319	27.175	ug/L	100
38) Bromodichloromethane	9.648	83	341863	26.614	ug/L	100
39) cis-1,3-Dichloropropene	10.074	75	418492	26.374	ug/L	98
40) 4-Methyl-2-pentanone	10.208	43	518740	78.360	ug/L	100
42) Toluene	10.385	91	1049293	25.398	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	354333	26.665	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	221427	29.936	ug/L	99
46) Tetrachloroethene	10.861	164	161269	21.581	ug/L	98
48) 2-Hexanone	10.964	43	352767	74.068	ug/L	100
49) Dibromochloromethane	11.129	129	214511	27.142	ug/L	99
50) 1,2-Dibromoethane	11.233	107	194087	28.347	ug/L	95
51) Chlorobenzene	11.653	112	580245	22.129	ug/L	99
52) Ethylbenzene	11.727	91	1090406	23.142	ug/L	96
53) m,p-Xylene	11.836	106	412609	23.742	ug/L	98
54) o-Xylene	12.165	106	412376	25.216	ug/L	99
55) Styrene	12.178	104	643614	23.047	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.714	83	296442	32.219	ug/L	99
59) Bromoform	12.348	173	124319	36.089	ug/L	98
60) Isopropylbenzene	12.458	105	1062628	29.855	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	223332	42.931	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	858094	30.440	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	826746	29.771	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	340379	22.568	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	340941	22.038	ug/L	93
67) 1,2-Dichlorobenzene	13.866	146	352480	26.057	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.482	75	48581	40.339	ug/L	97
69) 1,3,5-Trichlorobenzene	14.622	180	189697	18.503	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	144394	16.986	ug/L	99
71) Naphthalene	15.360	128	497669	29.659	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	150556	19.719	ug/L	97

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

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