

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031623\
 Data File : VU053239.D
 Acq On : 16 Mar 2023 20:14
 Operator : JC/MD
 Sample : 01929-22MSD 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFG3MSD

Quant Time: Mar 17 02:45:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 17 02:34:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	148586	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	140382	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	73943	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	56578	41.274	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.540%
7) Chloroethane-d5	1.909	69	46858	42.260	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.520%
11) 1,1-Dichloroethene-d2	2.565	63	104164	43.865	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.740%
21) 2-Butanone-d5	4.610	46	70278	110.539	ug/L	-0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.540%
24) Chloroform-d	5.057	84	102732	45.502	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.694	65	64919	46.299	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.600%
32) Benzene-d6	5.723	84	209007	45.902	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.684	67	70005	47.636	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.280%
41) Toluene-d8	7.893	98	187984	44.343	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.680%
43) trans-1,3-Dichloroprop...	8.173	79	32880	45.348	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.700%
47) 2-Hexanone-d5	8.626	63	52574	114.430	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.430%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	95516	50.173	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.340%
66) 1,2-Dichlorobenzene-d4	12.189	152	64271	44.890	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	75762	48.849	ug/L	99
3) Chloromethane	1.520	50	70697	49.469	ug/L	99
5) Vinyl chloride	1.604	62	247914	158.581	ug/L	99
6) Bromomethane	1.851	94	45107	48.000	ug/L	99
8) Chloroethane	1.932	64	46615	50.480	ug/L	98
9) Trichlorofluoromethane	2.138	101	99166	50.840	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	55139	46.731	ug/L	97
12) 1,1-Dichloroethene	2.578	96	51785	47.457	ug/L	94
13) Acetone	2.617	43	45296	62.555	ug/L	98
14) Carbon disulfide	2.790	76	156840	47.454	ug/L	100
15) Methyl Acetate	2.938	43	55860	56.282	ug/L	98
16) Methylene chloride	3.041	84	64548	48.760	ug/L	98
17) trans-1,2-Dichloroethene	3.347	96	53479	48.302	ug/L	96
18) Methyl tert-butyl Ether	3.356	73	195549	52.525	ug/L	99
19) 1,1-Dichloroethane	3.861	63	116260	51.441	ug/L	99
20) cis-1,2-Dichloroethene	4.658	96	175748	135.146	ug/L	100
22) 2-Butanone	4.691	43	78052	94.615	ug/L	100
23) Bromochloromethane	4.967	128	29533	47.629	ug/L	88
25) Chloroform	5.083	83	112252	49.634	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.787	62	88820	49.751	ug/L	100
29) Cyclohexane	5.385	56	100562	48.075	ug/L	99
30) 1,1,1-Trichloroethane	5.311	97	93392	48.807	ug/L	98
31) Carbon tetrachloride	5.520	117	76258	48.645	ug/L	99
33) Benzene	5.768	78	245861	50.517	ug/L	100
34) Trichloroethene	6.536	95	61969	48.832	ug/L	98
35) Methylcyclohexane	6.758	83	104751	47.091	ug/L	99
37) 1,2-Dichloropropane	6.784	63	71424	52.601	ug/L	100
38) Bromodichloromethane	7.099	83	84127	49.785	ug/L	99
39) cis-1,3-Dichloropropene	7.600	75	113527	50.889	ug/L	100
40) 4-Methyl-2-pentanone	7.784	43	156500	112.133	ug/L	99
42) Toluene	7.964	91	261691	50.014	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	102018	50.027	ug/L	100
45) 1,1,2-Trichloroethane	8.395	97	62913	50.884	ug/L	99
46) Tetrachloroethene	8.549	164	38297	46.386	ug/L	96
48) 2-Hexanone	8.677	43	119149	101.949	ug/L	99
49) Dibromochloromethane	8.803	129	60809	48.079	ug/L	98
50) 1,2-Dibromoethane	8.919	107	65443	49.674	ug/L	99
51) Chlorobenzene	9.443	112	160093	49.092	ug/L	99
52) Ethylbenzene	9.565	91	292205	49.246	ug/L	100
53) m,p-Xylene	9.690	106	111020	50.130	ug/L	98
54) o-Xylene	10.095	106	108290	49.439	ug/L	98
55) Styrene	10.108	104	181424	49.698	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	106316	52.447	ug/L	98
59) Bromoform	10.285	173	40675	48.338	ug/L	98
60) 1,2,3-Trichloropropane	10.816	75	79274	53.953	ug/L	98
61) Isopropylbenzene	10.478	105	290422	49.710	ug/L	100
62) 1,3,5-Trimethylbenzene	11.083	105	236731	48.952	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	229710	48.731	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	115530	47.151	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	118244	48.071	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	117958	48.166	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.989	75	22247	54.754	ug/L	92
69) 1,3,5-Trichlorobenzene	13.214	180	71809	46.225	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	66117	47.368	ug/L	99
71) Naphthalene	14.082	128	265458	56.424	ug/L	100
72) 1,2,3-Trichlorobenzene	14.324	180	67985	51.360	ug/L	99

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

