

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032823\
 Data File : VU053458.D
 Acq On : 29 Mar 2023 01:16
 Operator : JC/MD
 Sample : 02054-08MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYF64MS

Quant Time: Mar 29 04:19:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 29 02:16:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	200057	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.410	117	189157	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	98426	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	78915	42.758	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.520%
7) Chloroethane-d5	1.912	69	65260	43.714	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.420%
11) 1,1-Dichloroethene-d2	2.568	63	136285	42.626	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.260%
21) 2-Butanone-d5	4.623	46	102250	119.449	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.450%
24) Chloroform-d	5.057	84	139846	46.004	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.697	65	91033	48.220	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.440%
32) Benzene-d6	5.723	84	276687	45.097	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.687	67	92994	46.963	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.920%
41) Toluene-d8	7.893	98	259244	45.384	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.760%
43) trans-1,3-Dichloroprop...	8.173	79	44111	45.150	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.300%
47) 2-Hexanone-d5	8.629	63	60089	97.063	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.060%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	132105	51.500	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	98518	51.694	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	83550	40.011	ug/L	99
3) Chloromethane	1.520	50	94478	49.101	ug/L	99
5) Vinyl chloride	1.604	62	95043	45.154	ug/L	99
6) Bromomethane	1.858	94	54011	42.688	ug/L	98
8) Chloroethane	1.935	64	59057	47.499	ug/L	99
9) Trichlorofluoromethane	2.137	101	117794	44.853	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	67912	42.748	ug/L	96
12) 1,1-Dichloroethene	2.578	96	62541	42.568	ug/L	97
13) Acetone	2.636	43	69799	71.594	ug/L	94
14) Carbon disulfide	2.793	76	164309	36.924	ug/L	100
15) Methyl Acetate	2.948	43	80618	60.329	ug/L	95
16) Methylene chloride	3.044	84	76287	42.801	ug/L	97
17) trans-1,2-Dichloroethene	3.350	96	65553	43.974	ug/L	98
18) Methyl tert-butyl Ether	3.356	73	230718	46.027	ug/L	97
19) 1,1-Dichloroethane	3.864	63	138445	45.497	ug/L	100
20) cis-1,2-Dichloroethene	4.661	96	79325	45.305	ug/L	97
22) 2-Butanone	4.700	43	113056	101.787	ug/L	92
23) Bromochloromethane	4.970	128	39361	47.147	ug/L	94
25) Chloroform	5.083	83	141624	46.510	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.787	62	113865	47.370	ug/L	98
29) Cyclohexane	5.385	56	117389	41.649	ug/L	95
30) 1,1,1-Trichloroethane	5.311	97	117119	45.424	ug/L	99
31) Carbon tetrachloride	5.520	117	93130	44.089	ug/L	99
33) Benzene	5.768	78	302932	46.193	ug/L	100
34) Trichloroethene	6.536	95	88721	51.886	ug/L	97
35) Methylcyclohexane	6.758	83	111534	37.211	ug/L	95
37) 1,2-Dichloropropane	6.784	63	85947	46.975	ug/L	100
38) Bromodichloromethane	7.099	83	102308	44.932	ug/L	100
39) cis-1,3-Dichloropropene	7.600	75	130027	43.256	ug/L	99
40) 4-Methyl-2-pentanone	7.784	43	228808	121.669	ug/L	93
42) Toluene	7.964	91	319320	45.292	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	121374	44.172	ug/L	100
45) 1,1,2-Trichloroethane	8.394	97	80507	48.324	ug/L	99
46) Tetrachloroethene	8.549	164	52677	47.351	ug/L	96
48) 2-Hexanone	8.677	43	175957	111.734	ug/L	93
49) Dibromochloromethane	8.803	129	72741	42.683	ug/L	98
50) 1,2-Dibromoethane	8.919	107	85162	47.974	ug/L	98
51) Chlorobenzene	9.443	112	202592	46.106	ug/L	99
52) Ethylbenzene	9.565	91	352861	44.134	ug/L	99
53) m,p-Xylene	9.687	106	130567	43.754	ug/L	99
54) o-Xylene	10.095	106	132919	45.036	ug/L	95
55) Styrene	10.108	104	221911	45.114	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.777	83	136785	50.078	ug/L	99
59) Bromoform	10.285	173	54168	48.360	ug/L	98
60) 1,2,3-Trichloropropane	10.816	75	103583	52.961	ug/L	99
61) Isopropylbenzene	10.478	105	345836	44.471	ug/L	100
62) 1,3,5-Trimethylbenzene	11.082	105	279127	43.361	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	271072	43.201	ug/L	99
64) 1,3-Dichlorobenzene	11.738	146	153095	46.940	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	155130	47.379	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	158501	48.622	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.992	75	26124	48.303	ug/L	91
69) 1,3,5-Trichlorobenzene	13.214	180	102510	49.574	ug/L	96
70) 1,2,4-trichlorobenzene	13.835	180	95355	51.322	ug/L	98
71) Naphthalene	14.079	128	309381	49.403	ug/L	100
72) 1,2,3-Trichlorobenzene	14.323	180	94371	53.560	ug/L	98

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

