

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U061022\
 Data File : U061022.D
 Acq On : 11 Jun 2022 06:23
 Operator : SY/MD
 Sample : N3249-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYX4

Quant Time: Jun 11 07:57:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 11 04:33:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	234692	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	231436	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	122027	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	102448	70.858	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	141.720%#
7) Chloroethane-d5	1.903	69	54971	51.783	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.560%
11) 1,1-Dichloroethene-d2	2.568	63	166843	61.155	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	122.320%
21) 2-Butanone-d5	4.633	46	171039	107.899	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.900%
24) Chloroform-d	5.063	84	169014	54.798	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.600%
26) 1,2-Dichloroethane-d4	5.700	65	116537	58.321	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.640%
32) Benzene-d6	5.726	84	320461	55.841	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.680%
36) 1,2-Dichloropropane-d6	6.690	67	109602	56.811	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.620%
41) Toluene-d8	7.896	98	274425	54.222	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.440%
43) trans-1,3-Dichloroprop...	8.179	79	40563	44.691	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.380%
47) 2-Hexanone-d5	8.632	63	97715	96.774	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.770%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	174823	54.255	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.500%
66) 1,2-Dichlorobenzene-d4	12.192	152	125205	58.970	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.940%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	4306318	2080.858	ug/L	99
8) Chloroethane	1.925	64	125823	108.856	ug/L	96
12) 1,1-Dichloroethene	2.578	96	117775	81.377	ug/L	85
13) Acetone	2.626	43	6706	5.376	ug/L	99
16) Methylene chloride	3.041	84	17670	9.376	ug/L	96
17) trans-1,2-Dichloroethene	3.350	96	264873	166.449	ug/L	99
19) 1,1-Dichloroethane	3.870	63	17025636	4966.358	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	14701593	7593.797	ug/L	99
27) 1,2-Dichloroethane	5.793	62	78480	26.984	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	385379	119.403	ug/L	99
31) Carbon tetrachloride	5.520	117	3370	1.194	ug/L	98
33) Benzene	5.771	78	89564	11.945	ug/L	100
34) Trichloroethene	6.542	95	633729	335.306	ug/L	99
35) Methylcyclohexane	6.758	83	2835	1.075	ug/L	90
42) Toluene	7.970	91	133490	17.225	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	38666	18.872	ug/L	98
46) Tetrachloroethene	8.552	164	17496	11.940	ug/L	97
52) Ethylbenzene	9.571	91	309999	36.790	ug/L	98
53) m,p-Xylene	9.690	106	229876	69.470	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) o-Xylene	10.099	106	387099	116.111	ug/L	100
61) Isopropylbenzene	10.484	105	113991	13.752	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	536743	75.848	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	2344456	416.127	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	74603	17.680	ug/L	99

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

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