

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U0060922\
 Data File : VU048983.D
 Acq On : 09 Jun 2022 18:05
 Operator : SY/MD
 Sample : N3248-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYX9

Quant Time: Jun 10 01:05:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 01:01:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	198478	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	186139	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	85692	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	63539	52.267	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.540%
7) Chloroethane-d5	1.890	69	46898	51.493	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.980%
11) 1,1-Dichloroethene-d2	2.559	63	91563	33.304	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.600%
21) 2-Butanone-d5	4.620	46	192559	166.450	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	166.450%#
24) Chloroform-d	5.060	84	136575	44.458	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.920%
26) 1,2-Dichloroethane-d4	5.700	65	91807	42.361	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.720%
32) Benzene-d6	5.726	84	262092	50.593	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.180%
36) 1,2-Dichloropropane-d6	6.690	67	89796	59.045	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	118.080%
41) Toluene-d8	7.896	98	221056	45.366	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.740%
43) trans-1,3-Dichloroprop...	8.179	79	41603	42.780	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.560%
47) 2-Hexanone-d5	8.632	63	127642	153.043	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	153.040%#
56) 1,1,2,2-Tetrachloroeth...	10.758	84	155172	61.661	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	123.320%#
66) 1,2-Dichlorobenzene-d4	12.195	152	88804	50.693	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.380%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.601	62	93515	66.797	ug/L	100
8) Chloroethane	1.912	64	818196	992.928	ug/L	99
9) Trichlorofluoromethane	2.118	101	1463	0.535	ug/L	98
12) 1,1-Dichloroethene	2.572	96	12208	9.454	ug/L #	9
13) Acetone	2.626	43	4700	5.001	ug/L	95
15) Methyl Acetate	2.954	43	2757	1.719	ug/L #	81
17) trans-1,2-Dichloroethene	3.350	96	7991	5.737	ug/L	97
19) 1,1-Dichloroethane	3.864	63	986309	386.800	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	492135	313.319	ug/L	99
27) 1,2-Dichloroethane	5.793	62	4044	1.584	ug/L #	94
30) 1,1,1-Trichloroethane	5.314	97	1084222	384.693	ug/L	99
33) Benzene	5.771	78	6202	1.140	ug/L	100
34) Trichloroethene	6.543	95	11333	7.366	ug/L	93
35) Methylcyclohexane	6.761	83	2141	0.970	ug/L	95
42) Toluene	7.970	91	147464	24.879	ug/L	99
46) Tetrachloroethene	8.552	164	20203	16.092	ug/L	97
52) Ethylbenzene	9.571	91	54385	8.029	ug/L	100
53) m,p-Xylene	9.694	106	44666	16.408	ug/L	97
54) o-Xylene	10.099	106	26882	10.308	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) Isopropylbenzene	10.484	105	8173	1.549	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	29158	9.718	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	155698	33.373	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	5499	1.987	ug/L	90

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

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