

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072122\
 Data File : VU049833.D
 Acq On : 21 Jul 2022 16:35
 Operator : SY/MD
 Sample : N3792-12MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUN5MS

Quant Time: Jul 22 04:14:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 22 03:08:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	178691	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	171186	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	84191	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	60717	40.271	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.540%
7) Chloroethane-d5	1.896	69	47001	43.127	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.260%
11) 1,1-Dichloroethene-d2	2.562	63	114020	42.814	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.620%
21) 2-Butanone-d5	4.620	46	157370	122.270	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.270%
24) Chloroform-d	5.064	84	139092	52.087	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.180%
26) 1,2-Dichloroethane-d4	5.700	65	94534	52.307	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.620%
32) Benzene-d6	5.726	84	242118	46.556	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.120%
36) 1,2-Dichloropropane-d6	6.690	67	87319	49.918	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.840%
41) Toluene-d8	7.896	98	205672	45.413	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.820%
43) trans-1,3-Dichloroprop...	8.179	79	37856	51.365	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.720%
47) 2-Hexanone-d5	8.632	63	88211	112.105	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.110%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	133674	54.615	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.220%
66) 1,2-Dichlorobenzene-d4	12.195	152	76797	48.380	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	95824	44.736	ug/L	99
3) Chloromethane	1.523	50	120167	51.117	ug/L	99
5) Vinyl chloride	1.601	62	98439	46.340	ug/L	100
6) Bromomethane	1.835	94	49994	50.937	ug/L	100
8) Chloroethane	1.919	64	53839	45.752	ug/L	98
9) Trichlorofluoromethane	2.128	101	125984	48.023	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	64307	46.715	ug/L	99
12) 1,1-Dichloroethene	2.572	96	60440	47.308	ug/L	96
13) Acetone	2.626	43	117731	96.251	ug/L	99
14) Carbon disulfide	2.787	76	171247	39.749	ug/L	100
15) Methyl Acetate	2.948	43	122570	61.680	ug/L	100
16) Methylene chloride	3.041	84	87586	54.440	ug/L	100
17) trans-1,2-Dichloroethene	3.350	96	68528	49.033	ug/L	98
18) Methyl tert-butyl Ether	3.363	73	271252	56.663	ug/L	99
19) 1,1-Dichloroethane	3.867	63	158356	54.424	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	85447	54.399	ug/L	97
22) 2-Butanone	4.700	43	188446	115.072	ug/L	100
23) Bromochloromethane	4.973	128	44804	57.167	ug/L	95
25) Chloroform	5.089	83	163233	55.946	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	137289	55.260	ug/L	98
29) Cyclohexane	5.385	56	112123	41.962	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	130790	52.774	ug/L	99
31) Carbon tetrachloride	5.523	117	102571	50.603	ug/L	98
33) Benzene	5.774	78	336533	52.300	ug/L	100
34) Trichloroethene	6.543	95	75517	48.552	ug/L	98
35) Methylcyclohexane	6.764	83	102974	42.130	ug/L	98
37) 1,2-Dichloropropane	6.790	63	97361	54.589	ug/L	100
38) Bromodichloromethane	7.105	83	120461	54.476	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	129849	53.983	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	347805	120.460	ug/L	99
42) Toluene	7.970	91	333850	52.204	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	126682	56.091	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	88433	56.806	ug/L	98
46) Tetrachloroethene	8.552	164	53412	49.512	ug/L	96
48) 2-Hexanone	8.684	43	283219	122.749	ug/L	99
49) Dibromochloromethane	8.813	129	88421	56.472	ug/L	95
50) 1,2-Dibromoethane	8.925	107	89625	57.957	ug/L	99
51) Chlorobenzene	9.446	112	198663	51.297	ug/L	99
52) Ethylbenzene	9.571	91	339341	50.284	ug/L	98
53) m,p-Xylene	9.694	106	126534	51.564	ug/L	96
54) o-Xylene	10.102	106	129152	52.270	ug/L	98
55) Styrene	10.115	104	220327	54.032	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.784	83	160299	57.524	ug/L	99
59) Bromoform	10.292	173	65382	57.901	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	131230	58.519	ug/L	99
61) Isopropylbenzene	10.485	105	315117	50.126	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	270342	50.982	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	268567	50.981	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	141273	51.479	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	136216	49.414	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	149463	52.377	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.996	75	37838	57.584	ug/L	98
69) 1,3,5-Trichlorobenzene	13.218	180	92998	48.362	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	76948	43.605	ug/L	97
71) Naphthalene	14.086	128	299135	47.418	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	86506	47.324	ug/L	98

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

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