

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051922\
 Data File : VU048629.D
 Acq On : 19 May 2022 13:04
 Operator : SY/MD
 Sample : N2849-10MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXXX3MSD

Quant Time: May 20 04:40:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 20 04:37:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	226864	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	221248	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	135850	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	47192	33.963	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.920%
7) Chloroethane-d5	1.912	69	39399	37.847	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.700%
11) 1,1-Dichloroethene-d2	2.572	63	130241	41.445	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.900%
21) 2-Butanone-d5	4.623	46	117474	88.840	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.840%
24) Chloroform-d	5.067	84	160169	45.615	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.240%
26) 1,2-Dichloroethane-d4	5.703	65	111414	44.976	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.960%
32) Benzene-d6	5.729	84	265675	43.147	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.300%
36) 1,2-Dichloropropane-d6	6.690	67	77556	42.904	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.800%
41) Toluene-d8	7.899	98	257774	44.507	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.020%
43) trans-1,3-Dichloroprop...	8.179	79	49728	43.020	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.040%
47) 2-Hexanone-d5	8.632	63	88619	89.393	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.390%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	134339	44.912	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.820%
66) 1,2-Dichlorobenzene-d4	12.192	152	122190	43.998	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	110991	45.526	ug/L	97
3) Chloromethane	1.523	50	59938	39.845	ug/L	98
5) Vinyl chloride	1.604	62	70201	43.870	ug/L	96
6) Bromomethane	1.858	94	53391	46.217	ug/L	96
8) Chloroethane	1.935	64	42672	45.305	ug/L	99
9) Trichlorofluoromethane	2.141	101	151501	48.497	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	79820	50.108	ug/L	98
12) 1,1-Dichloroethene	2.581	96	70039	47.450	ug/L	98
13) Acetone	2.629	43	85040	79.160	ug/L	100
14) Carbon disulfide	2.797	76	193324	45.133	ug/L	99
15) Methyl Acetate	2.951	43	81631	44.523	ug/L	99
16) Methylene chloride	3.047	84	80326	46.745	ug/L	97
17) trans-1,2-Dichloroethene	3.356	96	77826	48.886	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	279280	50.563	ug/L	99
19) 1,1-Dichloroethane	3.874	63	143658	49.289	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	88072	49.055	ug/L	100
22) 2-Butanone	4.703	43	123215	90.331	ug/L	99
23) Bromochloromethane	4.977	128	48832	49.016	ug/L	94
25) Chloroform	5.089	83	189179	55.608	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	142819	48.938	ug/L	99
29) Cyclohexane	5.391	56	106265	46.762	ug/L	96
30) 1,1,1-Trichloroethane	5.317	97	169017	50.453	ug/L	99
31) Carbon tetrachloride	5.526	117	154813	50.708	ug/L	99
33) Benzene	5.777	78	314130	48.598	ug/L	100
34) Trichloroethene	6.542	95	90837	49.671	ug/L	99
35) Methylcyclohexane	6.764	83	126464	48.189	ug/L	99
37) 1,2-Dichloropropane	6.793	63	78693	48.688	ug/L	99
38) Bromodichloromethane	7.105	83	145927	55.804	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	136549	49.483	ug/L	96
40) 4-Methyl-2-pentanone	7.790	43	234427	95.045	ug/L	98
42) Toluene	7.970	91	357910	50.801	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	148545	51.044	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	86983	50.255	ug/L	98
46) Tetrachloroethene	8.552	164	77345	51.829	ug/L	98
48) 2-Hexanone	8.684	43	195827	92.664	ug/L	97
49) Dibromochloromethane	8.809	129	121651	54.668	ug/L	98
50) 1,2-Dibromoethane	8.925	107	99191	49.656	ug/L	99
51) Chlorobenzene	9.446	112	239729	48.787	ug/L	99
52) Ethylbenzene	9.571	91	398202	49.458	ug/L	99
53) m,p-Xylene	9.693	106	158105	48.864	ug/L	98
54) o-Xylene	10.099	106	157811	50.911	ug/L	97
55) Styrene	10.115	104	272832	50.623	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	141629	47.346	ug/L	97
59) Bromoform	10.291	173	95295	51.031	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	127867	47.459	ug/L	96
61) Isopropylbenzene	10.484	105	418741	50.050	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	238375	50.116	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	374143	50.586	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	211737	49.075	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	213466	47.678	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	213511	48.653	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	50056	48.053	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	163245	47.470	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	147793	47.517	ug/L	99
71) Naphthalene	14.086	128	489806	47.759	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	153925	49.291	ug/L	99

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

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