

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051186.D
 Acq On : 06 Oct 2022 20:54
 Operator : JC/MD
 Sample : N4853-03MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW825MSD

Quant Time: Oct 07 01:35:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 01:29:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	399294	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	406811	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	197285	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	148540	36.707	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.420%
7) Chloroethane-d5	1.897	69	130668	34.761	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.520%#
11) 1,1-Dichloroethene-d2	2.562	63	242617	40.588	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.180%
21) 2-Butanone-d5	4.620	46	197841	75.380	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.380%
24) Chloroform-d	5.060	84	276736	42.447	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.900%
26) 1,2-Dichloroethane-d4	5.700	65	171893	42.596	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.200%
32) Benzene-d6	5.723	84	542678	45.554	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.100%
36) 1,2-Dichloropropane-d6	6.687	67	180649	46.732	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.460%
41) Toluene-d8	7.896	98	485933	44.149	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.300%
43) trans-1,3-Dichloroprop...	8.176	79	73994	40.131	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.260%
47) 2-Hexanone-d5	8.629	63	107577	68.920	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	68.920%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	289680	42.878	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.760%
66) 1,2-Dichlorobenzene-d4	12.192	152	169697	40.265	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	146002	43.605	ug/L	99
3) Chloromethane	1.524	50	200689	50.730	ug/L	99
5) Vinyl chloride	1.601	62	199496	47.517	ug/L	97
6) Bromomethane	1.836	94	107365	30.872	ug/L	95
8) Chloroethane	1.919	64	130106	42.202	ug/L	100
9) Trichlorofluoromethane	2.128	101	222266	39.372	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	134263	44.045	ug/L	99
12) 1,1-Dichloroethene	2.575	96	130634	45.878	ug/L	89
13) Acetone	2.623	43	162733	77.646	ug/L	100
14) Carbon disulfide	2.787	76	377546	44.855	ug/L	99
15) Methyl Acetate	2.945	43	165967	43.375	ug/L	96
16) Methylene chloride	3.041	84	181286	44.350	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	139194	45.949	ug/L	98
18) Methyl tert-butyl Ether	3.363	73	449907	48.872	ug/L	99
19) 1,1-Dichloroethane	3.864	63	294887	51.247	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	163984	48.482	ug/L	96
22) 2-Butanone	4.697	43	257193	88.820	ug/L	97
23) Bromochloromethane	4.970	128	91116	49.166	ug/L	91
25) Chloroform	5.083	83	306311	48.939	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	238291	49.700	ug/L	100
29) Cyclohexane	5.385	56	190430	48.075	ug/L	97
30) 1,1,1-Trichloroethane	5.311	97	232992	48.835	ug/L	99
31) Carbon tetrachloride	5.520	117	184268	47.337	ug/L	98
33) Benzene	5.771	78	681821	54.975	ug/L	100
34) Trichloroethene	6.540	95	151684	47.219	ug/L	97
35) Methylcyclohexane	6.761	83	193135	44.174	ug/L	96
37) 1,2-Dichloropropane	6.790	63	187865	56.250	ug/L	99
38) Bromodichloromethane	7.102	83	230256	51.660	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	223258	47.201	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	504794	104.366	ug/L	97
42) Toluene	7.967	91	707688	53.645	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	227055	47.476	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	184406	50.974	ug/L	99
46) Tetrachloroethene	8.552	164	112980	46.410	ug/L	98
48) 2-Hexanone	8.681	43	430205	97.925	ug/L	98
49) Dibromochloromethane	8.806	129	178045	46.811	ug/L	98
50) 1,2-Dibromoethane	8.922	107	185154	47.205	ug/L	98
51) Chlorobenzene	9.446	112	417957	46.589	ug/L	99
52) Ethylbenzene	9.568	91	654990	46.548	ug/L	99
53) m,p-Xylene	9.691	106	257918	48.742	ug/L	98
54) o-Xylene	10.099	106	259483	49.061	ug/L	99
55) Styrene	10.112	104	466191	50.998	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.781	83	332730	51.968	ug/L	98
59) Bromoform	10.289	173	130726	45.035	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	250117	48.176	ug/L	98
61) Isopropylbenzene	10.481	105	620278	48.399	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	504276	48.120	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	516988	49.221	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	301569	45.645	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	301581	45.664	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	319852	47.120	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.993	75	63366	41.824	ug/L	95
69) 1,3,5-Trichlorobenzene	13.218	180	189059	42.198	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	145004	39.557	ug/L	100
71) Naphthalene	14.086	128	527229	40.184	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	173497	42.415	ug/L	100

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

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