

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048706.D
 Acq On : 27 May 2022 20:10
 Operator : SY/MD
 Sample : N3056-11MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-02MSD

Quant Time: May 28 00:25:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	246313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	409956	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	403847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	223620	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	172605	46.661	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.320%
35) Dibromofluoromethane	5.288	113	137955	47.169	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.340%
50) Toluene-d8	7.899	98	499848	47.677	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.360%
62) 4-Bromofluorobenzene	10.632	95	198316	50.017	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.040%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	126050	44.703	ug/l	99
3) Chloromethane	1.520	50	162197	44.683	ug/l	98
4) Vinyl Chloride	1.604	62	162991	48.481	ug/l	97
5) Bromomethane	1.845	94	75657	39.526	ug/l	99
6) Chloroethane	1.928	64	97601	53.022	ug/l	100
7) Trichlorofluoromethane	2.137	101	214445	44.662	ug/l	99
8) Diethyl Ether	2.375	74	89085	50.277	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.578	101	114329	43.499	ug/l	98
10) Methyl Iodide	2.719	142	176445	45.484	ug/l	97
11) Tert butyl alcohol	3.173	59	280507	299.100	ug/l #	42
12) 1,1-Dichloroethene	2.578	96	117644	46.927	ug/l	98
13) Acrolein	2.485	56	49655	158.212	ug/l #	71
14) Allyl chloride	2.922	41	220161	45.341	ug/l	99
15) Acrylonitrile	3.308	53	590460	290.295	ug/l	98
16) Acetone	2.620	43	540028	286.459	ug/l	100
17) Carbon Disulfide	2.790	76	323827	44.248	ug/l	99
18) Methyl Acetate	2.944	43	226716	47.899	ug/l	100
19) Methyl tert-butyl Ether	3.362	73	629875	66.217	ug/l #	1
20) Methylene Chloride	3.044	84	154247	48.115	ug/l	97
21) trans-1,2-Dichloroethene	3.353	96	138089	48.154	ug/l	95
22) Diisopropyl ether	3.989	45	489633	54.666	ug/l	96
23) Vinyl Acetate	3.954	43	1790450	230.722	ug/l	100
24) 1,1-Dichloroethane	3.870	63	283965	50.480	ug/l	100
25) 2-Butanone	4.697	43	802948	296.484	ug/l	98
26) 2,2-Dichloropropane	4.665	77	110232	21.842	ug/l	93
27) cis-1,2-Dichloroethene	4.668	96	170126	51.254	ug/l	91
28) Bromochloromethane	4.973	49	113511	51.445	ug/l	99
29) Tetrahydrofuran	5.047	42	490575	287.576	ug/l	100
30) Chloroform	5.089	83	305778	54.326	ug/l	99
31) Cyclohexane	5.388	56	369568	79.276	ug/l	98
32) 1,1,1-Trichloroethane	5.317	97	243249	47.635	ug/l	99
36) 1,1-Dichloropropene	5.526	75	201323	47.164	ug/l	99
37) Ethyl Acetate	4.800	43	241198	44.697	ug/l	99
38) Carbon Tetrachloride	5.523	117	217864	44.488	ug/l	99
39) Methylcyclohexane	6.764	83	345030	77.089	ug/l	98
40) Benzene	5.774	78	3019441	239.599	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	147720	54.171	ug/l	99
42) 1,2-Dichloroethane	5.793	62	248451	50.364	ug/l	94
43) Isopropyl Acetate	5.909	43	513487	65.561	ug/l #	80
44) Trichloroethene	6.542	130	151674	46.716	ug/l	99
45) 1,2-Dichloropropane	6.790	63	169483	53.421	ug/l	99
46) Dibromomethane	6.915	93	118314	49.916	ug/l	96
47) Bromodichloromethane	7.105	83	229879	47.958	ug/l	97
48) Methyl methacrylate	6.957	41	212087	60.320	ug/l	93
49) 1,4-Dioxane	6.960	88	88158	1121.617	ug/l	98
51) 4-Methyl-2-Pentanone	7.790	43	1481257	291.264	ug/l	99
52) Toluene	7.970	92	427706	56.741	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	228974	44.283	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	243097	45.370	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	203854	61.277	ug/l	97
56) Ethyl methacrylate	8.333	69	277429	52.628	ug/l	96
57) 1,3-Dichloropropane	8.574	76	272402	48.651	ug/l	99
59) 2-Hexanone	8.684	43	1174151	281.224	ug/l	99
60) Dibromochloromethane	8.809	129	181694	48.723	ug/l	100
61) 1,2-Dibromoethane	8.925	107	175628	47.937	ug/l	92
64) Tetrachloroethene	8.552	164	124348	44.213	ug/l	97
65) Chlorobenzene	9.446	112	412757	48.324	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	161239	49.733	ug/l	98
67) Ethyl Benzene	9.574	91	12095625	839.627	ug/l	99
68) m/p-Xylenes	9.697	106	4002745	710.422	ug/l	99
69) o-Xylene	10.098	106	563934	101.877	ug/l	100
70) Styrene	10.115	104	509437	55.952	ug/l	92
71) Bromoform	10.291	173	152937	51.020	ug/l #	98
73) Isopropylbenzene	10.484	105	1687418	116.883	ug/l	100
74) N-amyl acetate	10.320	43	316095	43.581	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	310388	52.684	ug/l	98
76) 1,2,3-Trichloropropane	10.825	75	342345	47.482	ug/l	100
77) Bromobenzene	10.783	156	195700	50.475	ug/l	99
78) n-propylbenzene	10.906	91	3120781	181.413	ug/l	99
79) 2-Chlorotoluene	10.989	91	633700	59.236	ug/l	90
80) 1,3,5-Trimethylbenzene	11.089	105	2638198	210.137	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.545	75	77874	39.216	ug/l	99
82) 4-Chlorotoluene	11.095	91	825820	66.906	ug/l	86
83) tert-Butylbenzene	11.423	119	664283	55.129	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	14408538	1040.803	ug/l	98
85) sec-Butylbenzene	11.645	105	901629	59.812	ug/l	94
86) p-Isopropyltoluene	11.793	119	742527	57.359	ug/l	100
87) 1,3-Dichlorobenzene	11.745	146	379607	49.937	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	381593	48.588	ug/l	100
89) n-Butylbenzene	12.208	91	909731	69.325	ug/l #	78
90) Hexachloroethane	12.471	117	247757	93.778	ug/l #	53
91) 1,2-Dichlorobenzene	12.214	146	371811	48.417	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.995	75	111122	65.508	ug/l	83
93) 1,2,4-Trichlorobenzene	13.841	180	251703	49.948	ug/l	96
94) Hexachlorobutadiene	14.021	225	89913	37.225	ug/l	98
95) Naphthalene	14.089	128	8841734	479.406	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	248296	49.747	ug/l	97

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

