

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060721\
 Data File : VU044057.D
 Acq On : 07 Jun 2021 15:08
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 6/8/2021 6:50:16 PM

Quant Time: Jun 08 04:57:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 08 04:55:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	227809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	403363	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	414377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	235350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	374072	80.440	ug/l	0.00
Spiked Amount 50.000			Recovery	=	160.880%	
35) Dibromofluoromethane	5.298	113	277932	84.123	ug/l	0.00
Spiked Amount 50.000			Recovery	=	168.240%	
50) Toluene-d8	7.906	98	1108859	98.394	ug/l	0.00
Spiked Amount 50.000			Recovery	=	196.780%	
62) 4-Bromofluorobenzene	10.639	95	476804	107.903	ug/l	0.00
Spiked Amount 50.000			Recovery	=	215.800%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	323300	108.588	ug/l	99
3) Chloromethane	1.523	50	404926	92.436	ug/l	100
4) Vinyl Chloride	1.610	62	387851	104.031	ug/l	99
5) Bromomethane	1.835	94	125777	62.336	ug/l	100
6) Chloroethane	1.916	64	234740	98.762	ug/l	98
7) Trichlorofluoromethane	2.131	101	448506	92.038	ug/l	98
8) Diethyl Ether	2.382	74	188807	103.998	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.581	101	265231	97.017	ug/l	100
10) Methyl Iodide	2.726	142	342791	101.818	ug/l	100
11) Tert butyl alcohol	3.218	59	463642	382.625	ug/l	100
12) 1,1-Dichloroethene	2.581	96	267659	100.841	ug/l	100
13) Acrolein	2.491	56	355803	562.773	ug/l	99
14) Allyl chloride	2.928	41	535730	83.059	ug/l	99
15) Acrylonitrile	3.321	53	1026668	457.336	ug/l	100
16) Acetone	2.633	43	931240	372.199	ug/l	99
17) Carbon Disulfide	2.797	76	868697	101.754	ug/l	100
18) Methyl Acetate	2.954	43	472378	82.264	ug/l	99
19) Methyl tert-butyl Ether	3.372	73	854120	95.225	ug/l	99
20) Methylene Chloride	3.051	84	330422	90.609	ug/l	99
21) trans-1,2-Dichloroethene	3.359	96	298727	103.279	ug/l	97
22) Diisopropyl ether	4.002	45	947190	85.790	ug/l	99
23) Vinyl Acetate	3.964	43	4696037	417.923	ug/l	100
24) 1,1-Dichloroethane	3.877	63	582583	89.509	ug/l	100
25) 2-Butanone	4.713	43	1541997	400.919	ug/l	100
26) 2,2-Dichloropropane	4.674	77	435868	98.353	ug/l	100
27) cis-1,2-Dichloroethene	4.674	96	335493	101.152	ug/l	99
28) Bromochloromethane	4.983	49	287916	87.085	ug/l	97
29) Tetrahydrofuran	5.057	42	866573	397.331	ug/l	99
30) Chloroform	5.099	83	559933	89.304	ug/l	100
31) Cyclohexane	5.395	56	499287	90.381	ug/l	99
32) 1,1,1-Trichloroethane	5.324	97	459229	86.633	ug/l	98
36) 1,1-Dichloropropene	5.533	75	441143	97.139	ug/l	100
37) Ethyl Acetate	4.813	43	541185	72.718	ug/l	99
38) Carbon Tetrachloride	5.533	117	388599	85.759	ug/l	99
39) Methylcyclohexane	6.771	83	485285	108.603	ug/l	98
40) Benzene	5.784	78	1295067	94.725	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	300450	78.905	ug/l	99
42) 1,2-Dichloroethane	5.803	62	451030	77.547	ug/l	99
43) Isopropyl Acetate	5.922	43	812393	75.070	ug/l	99
44) Trichloroethene	6.549	130	290667	91.932	ug/l	99
45) 1,2-Dichloropropane	6.800	63	353277	88.563	ug/l	97
46) Dibromomethane	6.925	93	224083	89.866	ug/l	100
47) Bromodichloromethane	7.115	83	455369	89.906	ug/l	99
48) Methyl methacrylate	6.967	41	416598	76.549	ug/l	98
49) 1,4-Dioxane	6.973	88	198667	2167.232	ug/l	100
51) 4-Methyl-2-Pentanone	7.803	43	3153201	405.896	ug/l	99
52) Toluene	7.976	92	796876	100.651	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	535352	101.400	ug/l	100
54) cis-1,3-Dichloropropene	7.616	75	565868	100.666	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	334041	97.343	ug/l	99
56) Ethyl methacrylate	8.343	69	600549	111.253	ug/l	99
57) 1,3-Dichloropropane	8.584	76	603244	98.489	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	873501	537.300	ug/l	100
59) 2-Hexanone	8.697	43	2480263	401.316	ug/l	98
60) Dibromochloromethane	8.819	129	347962	96.372	ug/l	100
61) 1,2-Dibromoethane	8.931	107	352118	95.743	ug/l	100
64) Tetrachloroethene	8.562	164	254092	81.866	ug/l	98
65) Chlorobenzene	9.455	112	839663	92.976	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	300537	87.648	ug/l	99
67) Ethyl Benzene	9.578	91	1618734	99.437	ug/l	100
68) m/p-Xylenes	9.700	106	1209282	202.162	ug/l	99
69) o-Xylene	10.108	106	586607	101.549	ug/l	99
70) Styrene	10.121	104	1055374	108.081	ug/l	100
71) Bromoform	10.301	173	278657	89.609	ug/l #	99
73) Isopropylbenzene	10.491	105	1599056	96.065	ug/l	100
74) N-amyl acetate	10.330	43	769979	73.771	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	658076	84.123	ug/l	99
76) 1,2,3-Trichloropropane	10.835	75	601516m	80.464	ug/l	
77) Bromobenzene	10.790	156	374003	88.189	ug/l	99
78) n-propylbenzene	10.912	91	2064191	100.888	ug/l	99
79) 2-Chlorotoluene	10.992	91	1197190	94.719	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	1444265	101.995	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.555	75	232407	100.183	ug/l	97
82) 4-Chlorotoluene	11.105	91	1443158	99.617	ug/l	100
83) tert-Butylbenzene	11.426	119	1351947	97.672	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	1480647	104.051	ug/l	99
85) sec-Butylbenzene	11.652	105	1780339	104.398	ug/l	100
86) p-Isopropyltoluene	11.799	119	1544554	106.923	ug/l	100
87) 1,3-Dichlorobenzene	11.754	146	734054	90.758	ug/l	99
88) 1,4-Dichlorobenzene	11.844	146	745770	89.143	ug/l	99
89) n-Butylbenzene	12.217	91	1558065	110.595	ug/l	99
90) Hexachloroethane	12.484	117	245042	103.054	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	720361	86.793	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	153346	81.122	ug/l	100
93) 1,2,4-Trichlorobenzene	13.848	180	464295	87.083	ug/l	99
94) Hexachlorobutadiene	14.028	225	239736	93.178	ug/l	100
95) Naphthalene	14.092	128	1561353	92.537	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	455242	85.921	ug/l	100

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

