

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044827.D
 Acq On : 24 Sep 2021 22:26
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU092521

Manual Integrations
 APPROVED

MMDadoda
 9/27/2021 11:02:52 AM

Quant Time: Sep 27 01:23:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092421W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 25 09:30:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	160171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	290881	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	278016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	140852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	140945	50.420	ug/l	0.00
Spiked Amount 50.000			Recovery	= 100.840%		
35) Dibromofluoromethane	5.295	113	100132	50.179	ug/l	0.00
Spiked Amount 50.000			Recovery	= 100.360%		
50) Toluene-d8	7.902	98	383937	50.944	ug/l	0.00
Spiked Amount 50.000			Recovery	= 101.880%		
62) 4-Bromofluorobenzene	10.635	95	142996	51.084	ug/l	0.00
Spiked Amount 50.000			Recovery	= 102.160%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	99154	51.689	ug/l	99
3) Chloromethane	1.520	50	138898	47.712	ug/l	98
4) Vinyl Chloride	1.607	62	138235	50.877	ug/l	100
5) Bromomethane	1.841	94	72064	55.023	ug/l	98
6) Chloroethane	1.925	64	88813	48.701	ug/l	98
7) Trichlorofluoromethane	2.134	101	166687	49.955	ug/l	99
8) Diethyl Ether	2.378	74	78099	51.129	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.581	101	96796	49.674	ug/l	99
10) Methyl Iodide	2.726	142	98346	46.445	ug/l	99
11) Tert butyl alcohol	3.192	59	197933	242.592	ug/l #	87
12) 1,1-Dichloroethene	2.581	96	97364	50.487	ug/l	99
13) Acrolein	2.488	56	58363	264.876	ug/l	96
14) Allyl chloride	2.925	41	190961	51.015	ug/l	100
15) Acrylonitrile	3.317	53	431742	253.320	ug/l	100
16) Acetone	2.629	43	373038	236.578	ug/l	100
17) Carbon Disulfide	2.793	76	272402	50.210	ug/l	100
18) Methyl Acetate	2.951	43	259509	49.262	ug/l	99
19) Methyl tert-butyl Ether	3.369	73	378679	52.584	ug/l	100
20) Methylene Chloride	3.050	84	118664	46.490	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	105415	51.052	ug/l	98
22) Diisopropyl ether	3.999	45	390407	52.787	ug/l	97
23) Vinyl Acetate	3.960	43	1618844	266.913	ug/l	99
24) 1,1-Dichloroethane	3.874	63	219167	51.054	ug/l	99
25) 2-Butanone	4.706	43	600373	250.939	ug/l	100
26) 2,2-Dichloropropane	4.671	77	154894	48.114	ug/l	98
27) cis-1,2-Dichloroethene	4.671	96	124893	49.732	ug/l	100
28) Bromochloromethane	4.980	49	98402	48.237	ug/l	99
29) Tetrahydrofuran	5.054	42	382228	253.943	ug/l	99
30) Chloroform	5.092	83	214048	49.590	ug/l	98
31) Cyclohexane	5.391	56	197015	49.090	ug/l	100
32) 1,1,1-Trichloroethane	5.320	97	177047	50.765	ug/l	99
36) 1,1-Dichloropropene	5.529	75	155364	50.340	ug/l	99
37) Ethyl Acetate	4.806	43	221096	48.823	ug/l	99
38) Carbon Tetrachloride	5.529	117	139241	50.465	ug/l	99
39) Methylcyclohexane	6.767	83	182274	52.218	ug/l	99
40) Benzene	5.777	78	468272	49.765	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.976	41	117185	51.842	ug/l	99
42) 1,2-Dichloroethane	5.800	62	181764	49.101	ug/l	100
43) Isopropyl Acetate	5.915	43	323600	51.076	ug/l	100
44) Trichloroethene	6.545	130	109077	48.233	ug/l	100
45) 1,2-Dichloropropane	6.796	63	127501	50.067	ug/l	98
46) Dibromomethane	6.922	93	83520	49.495	ug/l	99
47) Bromodichloromethane	7.108	83	165951	49.857	ug/l	98
48) Methyl methacrylate	6.963	41	154473	51.657	ug/l	98
49) 1,4-Dioxane	6.976	88	81498	1066.363	ug/l	97
51) 4-Methyl-2-Pentanone	7.796	43	1145337	253.653	ug/l	99
52) Toluene	7.973	92	287006	51.017	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	181864	52.444	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	196109	52.219	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	119980	49.883	ug/l	98
56) Ethyl methacrylate	8.336	69	204469	47.810	ug/l	99
57) 1,3-Dichloropropane	8.578	76	213918	49.947	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.468	63	216897	214.122	ug/l	99
59) 2-Hexanone	8.690	43	925649	255.392	ug/l	99
60) Dibromochloromethane	8.812	129	118530	51.462	ug/l	99
61) 1,2-Dibromoethane	8.928	107	127096	50.325	ug/l	100
64) Tetrachloroethene	8.555	164	95959	50.921	ug/l	100
65) Chlorobenzene	9.449	112	291956	50.586	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	103997	50.519	ug/l	99
67) Ethyl Benzene	9.574	91	547944	53.191	ug/l	99
68) m/p-Xylenes	9.697	106	420323	106.681	ug/l	98
69) o-Xylene	10.105	106	206039	54.081	ug/l	99
70) Styrene	10.118	104	350610	49.253	ug/l	99
71) Bromoform	10.295	173	87679	51.476	ug/l #	100
73) Isopropylbenzene	10.487	105	540469	54.063	ug/l	100
74) N-amyl acetate	10.323	43	279453	54.844	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.786	83	224114	49.208	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	209675m	49.159	ug/l	
77) Bromobenzene	10.783	156	123759	51.817	ug/l	100
78) n-propylbenzene	10.909	91	661327	54.594	ug/l	99
79) 2-Chlorotoluene	10.989	91	388304	52.597	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	460464	54.377	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	68122	51.739	ug/l	99
82) 4-Chlorotoluene	11.098	91	453596	53.967	ug/l	100
83) tert-Butylbenzene	11.423	119	444707	54.439	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	464317	55.618	ug/l	99
85) sec-Butylbenzene	11.648	105	586570	55.529	ug/l	99
86) p-Isopropyltoluene	11.796	119	481622	56.045	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	239273	51.624	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	243018	50.701	ug/l	100
89) n-Butylbenzene	12.211	91	438839	49.587	ug/l	99
90) Hexachloroethane	12.478	117	77965	50.349	ug/l	99
91) 1,2-Dichlorobenzene	12.217	146	247858	50.462	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	58605	53.067	ug/l	100
93) 1,2,4-Trichlorobenzene	13.844	180	151325	55.755	ug/l	100
94) Hexachlorobutadiene	14.024	225	62535	51.793	ug/l	98
95) Naphthalene	14.089	128	561437	51.931	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	155805	56.454	ug/l	100

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

