

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032521\
 Data File : VU042793.D
 Acq On : 25 Mar 2021 18:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 3/30/2021 10:59:27 AM

Quant Time: Mar 26 02:09:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	139935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.257	114	217583	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.424	117	209327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	116365	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	113588	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
35) Dibromofluoromethane	5.298	113	80090	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
50) Toluene-d8	7.906	98	288673	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
62) 4-Bromofluorobenzene	10.639	95	115172	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.389	85	82029	49.87	ug/l	99
3) Chloromethane	1.524	50	80025	44.94	ug/l	99
4) Vinyl Chloride	1.607	62	79557	49.10	ug/l	99
5) Bromomethane	1.855	94	42493	42.34	ug/l	99
6) Chloroethane	1.932	64	50800	42.38	ug/l	100
7) Trichlorofluoromethane	2.141	101	130189	46.08	ug/l	97
8) Diethyl Ether	2.382	74	41558	47.20	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.588	101	65236	48.17	ug/l	98
10) Methyl Iodide	2.729	142	93674	51.30	ug/l	99
11) Tert butyl alcohol	3.205	59	129763	272.08	ug/l #	94
12) 1,1-Dichloroethene	2.585	96	62386	49.15	ug/l	99
13) Acrolein	2.491	56	35745	217.83	ug/l	97
14) Allyl chloride	2.929	41	143806	51.86	ug/l	98
15) Acrylonitrile	3.321	53	274907	251.32	ug/l	98
16) Acetone	2.636	43	282622	247.58	ug/l	97
17) Carbon Disulfide	2.800	76	173648	48.35	ug/l	99
18) Methyl Acetate	2.954	43	141511	55.38	ug/l	99
19) Methyl tert-butyl Ether	3.372	73	249861	51.88	ug/l	100
20) Methylene Chloride	3.054	84	73955	46.04	ug/l	97
21) trans-1,2-Dichloroethene	3.360	96	68697	48.24	ug/l	96
22) Diisopropyl ether	3.999	45	291100	52.15	ug/l	93
23) Vinyl Acetate	3.964	43	1369781	263.69	ug/l	99
24) 1,1-Dichloroethane	3.880	63	141354	48.58	ug/l	99
25) 2-Butanone	4.710	43	448757	247.18	ug/l	100
26) 2,2-Dichloropropane	4.675	77	126177	49.09	ug/l	99
27) cis-1,2-Dichloroethene	4.675	96	82329	50.51	ug/l	99
28) Bromochloromethane	4.983	49	76757	52.83	ug/l	99
29) Tetrahydrofuran	5.061	42	288922	257.23	ug/l	99
30) Chloroform	5.099	83	150441	48.91	ug/l	98
31) Cyclohexane	5.398	56	131838	47.47	ug/l	98
32) 1,1,1-Trichloroethane	5.327	97	135129	49.49	ug/l	99
36) 1,1-Dichloropropene	5.536	75	108037	50.20	ug/l	100
37) Ethyl Acetate	4.813	43	167861	50.25	ug/l	99
38) Carbon Tetrachloride	5.533	117	115493	47.01	ug/l	96
39) Methylcyclohexane	6.771	83	121920	49.46	ug/l	99
40) Benzene	5.784	78	305879	47.51	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	91787	52.45	ug/l	98
42) 1,2-Dichloroethane	5.803	62	134936	48.88	ug/l	99
43) Isopropyl Acetate	5.919	43	255028	50.70	ug/l	99
44) Trichloroethene	6.549	130	79041	47.76	ug/l	99
45) 1,2-Dichloropropane	6.800	63	85161	49.73	ug/l	98
46) Dibromomethane	6.925	93	59211	48.53	ug/l	99
47) Bromodichloromethane	7.115	83	120603	48.66	ug/l	97
48) Methyl methacrylate	6.967	41	130285	53.66	ug/l	100
49) 1,4-Dioxane	6.993	88	52144	1072.36	ug/l	96
51) 4-Methyl-2-Pentanone	7.800	43	895939	254.58	ug/l	100
52) Toluene	7.977	92	196300	49.87	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	133247	50.81	ug/l	98
54) cis-1,3-Dichloropropene	7.617	75	137210	50.00	ug/l	100
55) 1,1,2-Trichloroethane	8.408	97	82118	48.50	ug/l	98
56) Ethyl methacrylate	8.340	69	139614	53.96	ug/l	98
57) 1,3-Dichloropropane	8.581	76	141004	48.52	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	220562	264.86	ug/l	100
59) 2-Hexanone	8.694	43	721421	257.76	ug/l	99
60) Dibromochloromethane	8.819	129	95421	48.46	ug/l	100
61) 1,2-Dibromoethane	8.932	107	92925	48.26	ug/l	98
64) Tetrachloroethene	8.559	164	75770	44.83	ug/l	97
65) Chlorobenzene	9.453	112	205773	48.35	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.543	131	82781	48.89	ug/l	99
67) Ethyl Benzene	9.578	91	390261	51.13	ug/l	99
68) m/p-Xylenes	9.700	106	288297	102.47	ug/l	99
69) o-Xylene	10.109	106	138429	50.83	ug/l	96
70) Styrene	10.121	104	238811	51.92	ug/l	99
71) Bromoform	10.298	173	79810	49.69	ug/l #	98
73) Isopropylbenzene	10.491	105	389558	52.89	ug/l	100
74) N-amyl acetate	10.327	43	236747	56.95	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	150103	49.86	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	149388m	50.48	ug/l	
77) Bromobenzene	10.790	156	103910	51.27	ug/l	99
78) n-propylbenzene	10.912	91	463518	53.47	ug/l	100
79) 2-Chlorotoluene	10.993	91	270524	51.72	ug/l	99
80) 1,3,5-Trimethylbenzene	11.096	105	343587	53.77	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	51793	51.85	ug/l	100
82) 4-Chlorotoluene	11.102	91	320181	51.25	ug/l	99
83) tert-Butylbenzene	11.427	119	331332	53.22	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	344420	53.37	ug/l	100
85) sec-Butylbenzene	11.652	105	389654	53.85	ug/l	100
86) p-Isopropyltoluene	11.800	119	360200	54.39	ug/l	99
87) 1,3-Dichlorobenzene	11.752	146	182688	50.17	ug/l	99
88) 1,4-Dichlorobenzene	11.845	146	185854	49.69	ug/l	98
89) n-Butylbenzene	12.215	91	330902	52.96	ug/l	99
90) Hexachloroethane	12.485	117	62750	50.19	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	183660	49.53	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.006	75	43547	54.62	ug/l	98
93) 1,2,4-Trichlorobenzene	13.848	180	133081	56.30	ug/l	99
94) Hexachlorobutadiene	14.028	225	65162	47.13	ug/l	99
95) Naphthalene	14.092	128	423571	53.50	ug/l	100
96) 1,2,3-Trichlorobenzene	14.337	180	131051	54.77	ug/l	97

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

