

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032421\
 Data File : VU042771.D
 Acq On : 24 Mar 2021 17:17
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU032421

Manual Integrations
 APPROVED

apatel
 3/30/2021 10:57:48 AM

Quant Time: Mar 25 05:45:10 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	127577	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	197409	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	190189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	113084	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	99084	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
35) Dibromofluoromethane	5.298	113	69627	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.52%	
50) Toluene-d8	7.906	98	251805	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
62) 4-Bromofluorobenzene	10.639	95	101220	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	72938	48.64	ug/l	99
3) Chloromethane	1.523	50	73026	44.98	ug/l	98
4) Vinyl Chloride	1.607	62	71549	48.44	ug/l	99
5) Bromomethane	1.858	94	49905	57.02	ug/l	98
6) Chloroethane	1.932	64	49076	45.43	ug/l	97
7) Trichlorofluoromethane	2.141	101	116411	45.20	ug/l	98
8) Diethyl Ether	2.382	74	37969	47.30	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.588	101	59916	48.53	ug/l	98
10) Methyl Iodide	2.729	142	73731	44.29	ug/l	99
11) Tert butyl alcohol	3.224	59	106790	245.60	ug/l	95
12) 1,1-Dichloroethene	2.584	96	54537	47.13	ug/l	97
13) Acrolein	2.494	56	35764	239.48	ug/l	99
14) Allyl chloride	2.928	41	125197	49.53	ug/l	99
15) Acrylonitrile	3.324	53	236753	237.40	ug/l	98
16) Acetone	2.639	43	253593	243.45	ug/l	100
17) Carbon Disulfide	2.800	76	159464	48.70	ug/l	99
18) Methyl Acetate	2.954	43	115706	49.67	ug/l	99
19) Methyl tert-butyl Ether	3.372	73	216236	49.24	ug/l	100
20) Methylene Chloride	3.054	84	66327	45.30	ug/l	98
21) trans-1,2-Dichloroethene	3.362	96	61300	47.22	ug/l	93
22) Diisopropyl ether	4.002	45	254594	50.03	ug/l	98
23) Vinyl Acetate	3.964	43	1191476	251.58	ug/l	100
24) 1,1-Dichloroethane	3.877	63	125038	47.13	ug/l	100
25) 2-Butanone	4.713	43	389143	235.10	ug/l	99
26) 2,2-Dichloropropane	4.674	77	112834	48.15	ug/l	100
27) cis-1,2-Dichloroethene	4.678	96	72909	49.06	ug/l	99
28) Bromochloromethane	4.983	49	66568	50.26	ug/l	100
29) Tetrahydrofuran	5.060	42	247907	242.09	ug/l	98
30) Chloroform	5.099	83	132385	47.20	ug/l	95
31) Cyclohexane	5.398	56	118179	46.68	ug/l	99
32) 1,1,1-Trichloroethane	5.327	97	120161	48.27	ug/l	99
36) 1,1-Dichloropropene	5.536	75	93697	47.99	ug/l	99
37) Ethyl Acetate	4.813	43	145200	47.91	ug/l	99
38) Carbon Tetrachloride	5.533	117	105418	47.30	ug/l	100
39) Methylcyclohexane	6.771	83	109962	49.17	ug/l	99
40) Benzene	5.784	78	271746	46.52	ug/l	99

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41) Methacrylonitrile	4.983	41	77286	48.67	ug/l	98
42) 1,2-Dichloroethane	5.803	62	119396	47.67	ug/l	99
43) Isopropyl Acetate	5.919	43	221352	48.50	ug/l	100
44) Trichloroethene	6.552	130	71249	47.45	ug/l	99
45) 1,2-Dichloropropane	6.800	63	76303	49.11	ug/l	100
46) Dibromomethane	6.928	93	54794	49.50	ug/l	97
47) Bromodichloromethane	7.115	83	106809	47.50	ug/l	99
48) Methyl methacrylate	6.967	41	110082	49.98	ug/l	99
49) 1,4-Dioxane	7.002	88	44374	1003.49	ug/l	97
51) 4-Methyl-2-Pentanone	7.800	43	764015	239.28	ug/l	99
52) Toluene	7.976	92	173955	48.71	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	119129	50.07	ug/l	99
54) cis-1,3-Dichloropropene	7.616	75	120953	48.58	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	72787	47.38	ug/l	99
56) Ethyl methacrylate	8.340	69	120026	51.13	ug/l	99
57) 1,3-Dichloropropane	8.584	76	125022	47.42	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	164862	222.88	ug/l	100
59) 2-Hexanone	8.693	43	619316	243.89	ug/l	100
60) Dibromochloromethane	8.819	129	86678	48.52	ug/l	100
61) 1,2-Dibromoethane	8.931	107	82387	47.16	ug/l	98
64) Tetrachloroethene	8.562	164	74997	48.84	ug/l	99
65) Chlorobenzene	9.455	112	187521	48.50	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	73502	47.78	ug/l	98
67) Ethyl Benzene	9.578	91	348929	50.31	ug/l	99
68) m/p-Xylenes	9.700	106	262706	102.77	ug/l	99
69) o-Xylene	10.108	106	126827	51.26	ug/l	99
70) Styrene	10.121	104	216933	51.91	ug/l	100
71) Bromoform	10.298	173	72598	49.75	ug/l #	99
73) Isopropylbenzene	10.491	105	350810	49.01	ug/l	100
74) N-amyl acetate	10.330	43	205495	50.87	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	133309	45.56	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	127005m	44.16	ug/l	
77) Bromobenzene	10.790	156	92388	46.90	ug/l	99
78) n-propylbenzene	10.912	91	429198	50.94	ug/l	99
79) 2-Chlorotoluene	10.992	91	251971	49.57	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	313878	50.55	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.555	75	45237	46.60	ug/l	97
82) 4-Chlorotoluene	11.105	91	303708	50.02	ug/l	100
83) tert-Butylbenzene	11.426	119	297867	49.24	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	321569	51.28	ug/l	99
85) sec-Butylbenzene	11.652	105	364525	51.84	ug/l	99
86) p-Isopropyltoluene	11.803	119	339166	52.70	ug/l	99
87) 1,3-Dichlorobenzene	11.754	146	170460	48.17	ug/l	98
88) 1,4-Dichlorobenzene	11.844	146	172275	47.40	ug/l	99
89) n-Butylbenzene	12.217	91	314126	51.73	ug/l	99
90) Hexachloroethane	12.484	117	57071	46.97	ug/l	94
91) 1,2-Dichlorobenzene	12.221	146	173156	48.05	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	37113	47.90	ug/l	98
93) 1,2,4-Trichlorobenzene	13.848	180	120125	52.29	ug/l	99
94) Hexachlorobutadiene	14.031	225	65461	48.72	ug/l	99
95) Naphthalene	14.095	128	356192	46.64	ug/l	99
96) 1,2,3-Trichlorobenzene	14.336	180	119911	51.57	ug/l	99

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

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