

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032421\
 Data File : VU042768.D
 Acq On : 24 Mar 2021 16:06
 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

apatel
 3/30/2021 10:58:00 AM

Quant Time: Mar 25 05:16:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:07:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.385	168	124063	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	188718	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	188092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	111604	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	192874	102.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	205.08%	
35) Dibromofluoromethane	5.298	113	137144	81.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	163.56%	
50) Toluene-d8	7.906	98	507071	81.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	163.84%	
62) 4-Bromofluorobenzene	10.639	95	206709	85.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	170.28%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	139836	104.14	ug/l	98
3) Chloromethane	1.523	50	138236	85.86	ug/l	97
4) Vinyl Chloride	1.607	62	137627	85.76	ug/l	100
5) Bromomethane	1.858	94	79215	86.69	ug/l	97
6) Chloroethane	1.928	64	84024	78.41	ug/l	99
7) Trichlorofluoromethane	2.137	101	229346	102.43	ug/l	96
8) Diethyl Ether	2.382	74	72671	78.38	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.584	101	111241	78.78	ug/l	99
10) Methyl Iodide	2.726	142	160535	127.38	ug/l	99
11) Tert butyl alcohol	3.215	59	203940m	508.62	ug/l	
12) 1,1-Dichloroethene	2.584	96	105814	80.20	ug/l	98
13) Acrolein	2.491	56	70096	235.90	ug/l	98
14) Allyl chloride	2.928	41	243565	94.67	ug/l	99
15) Acrylonitrile	3.324	53	473647	484.08	ug/l	98
16) Acetone	2.639	43	505114	503.52	ug/l	99
17) Carbon Disulfide	2.797	76	305262	98.70	ug/l	99
18) Methyl Acetate	2.954	43	227907	95.76	ug/l	99
19) Methyl tert-butyl Ether	3.372	73	432737	89.70	ug/l	100
20) Methylene Chloride	3.051	84	129150	75.50	ug/l	99
21) trans-1,2-Dichloroethene	3.359	96	123789	87.98	ug/l	99
22) Diisopropyl ether	4.002	45	521836	103.77	ug/l	96
23) Vinyl Acetate	3.967	43	2444376	585.72	ug/l	100
24) 1,1-Dichloroethane	3.877	63	245715	83.37	ug/l	99
25) 2-Butanone	4.713	43	783145	585.16	ug/l	100
26) 2,2-Dichloropropane	4.674	77	225823	93.63	ug/l	100
27) cis-1,2-Dichloroethene	4.678	96	143870	84.90	ug/l	99
28) Bromochloromethane	4.983	49	131923	96.07	ug/l	99
29) Tetrahydrofuran	5.060	42	502456	614.22	ug/l	100
30) Chloroform	5.099	83	264599	87.22	ug/l	97
31) Cyclohexane	5.398	56	232910	103.31	ug/l	98
32) 1,1,1-Trichloroethane	5.327	97	236326	96.16	ug/l	98
36) 1,1-Dichloropropene	5.536	75	188195	92.09	ug/l	99
37) Ethyl Acetate	4.813	43	289398	115.85	ug/l	99
38) Carbon Tetrachloride	5.533	117	204985	93.31	ug/l	98
39) Methylcyclohexane	6.771	83	215755	98.13	ug/l	99
40) Benzene	5.784	78	539045	83.40	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	158340	119.87	ug/l	98
42) 1,2-Dichloroethane	5.803	62	235099	100.89	ug/l	99
43) Isopropyl Acetate	5.919	43	439852	113.36	ug/l	100
44) Trichloroethene	6.549	130	136901	76.93	ug/l	96
45) 1,2-Dichloropropane	6.800	63	147623	78.68	ug/l	98
46) Dibromomethane	6.925	93	104612	87.49	ug/l	99
47) Bromodichloromethane	7.115	83	214316	87.10	ug/l	97
48) Methyl methacrylate	6.967	41	224267	120.60	ug/l	99
49) 1,4-Dioxane	7.002	88	83501	2088.67	ug/l	98
51) 4-Methyl-2-Pentanone	7.803	43	1601696	595.17	ug/l	99
52) Toluene	7.976	92	353765	87.26	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	244392	95.58	ug/l	99
54) cis-1,3-Dichloropropene	7.616	75	245016	88.40	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	147965	80.95	ug/l	98
56) Ethyl methacrylate	8.343	69	248275	99.99	ug/l	99
57) 1,3-Dichloropropane	8.584	76	250716	83.86	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	368723	471.99	ug/l	99
59) 2-Hexanone	8.697	43	1309419	643.26	ug/l	99
60) Dibromochloromethane	8.819	129	176795	89.35	ug/l	99
61) 1,2-Dibromoethane	8.931	107	168020	92.45	ug/l	98
64) Tetrachloroethene	8.562	164	142432	87.00	ug/l	99
65) Chlorobenzene	9.455	112	377148	81.16	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	149162	83.23	ug/l	99
67) Ethyl Benzene	9.578	91	707412	92.02	ug/l	100
68) m/p-Xylenes	9.700	106	535404	185.85	ug/l	100
69) o-Xylene	10.108	106	256431	91.23	ug/l	98
70) Styrene	10.121	104	452750	92.47	ug/l	100
71) Bromoform	10.298	173	154691	98.39	ug/l #	99
73) Isopropylbenzene	10.491	105	720371	99.38	ug/l	100
74) N-amyl acetate	10.327	43	435332	140.69	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	285915	97.41	ug/l	100
76) 1,2,3-Trichloropropane	10.835	75	284520m	114.32	ug/l	
77) Bromobenzene	10.790	156	191618	94.80	ug/l	99
78) n-propylbenzene	10.912	91	872283	103.51	ug/l	99
79) 2-Chlorotoluene	10.992	91	509197	99.30	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	638871	104.83	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	103320	134.95	ug/l	98
82) 4-Chlorotoluene	11.105	91	609679	102.72	ug/l	100
83) tert-Butylbenzene	11.430	119	607181	100.07	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	649838	105.68	ug/l	99
85) sec-Butylbenzene	11.652	105	728101	101.51	ug/l	100
86) p-Isopropyltoluene	11.799	119	685812	103.34	ug/l	99
87) 1,3-Dichlorobenzene	11.754	146	345891	93.82	ug/l	99
88) 1,4-Dichlorobenzene	11.844	146	354363	92.04	ug/l	99
89) n-Butylbenzene	12.217	91	649349	111.80	ug/l	99
90) Hexachloroethane	12.484	117	121308	111.60	ug/l	98
91) 1,2-Dichlorobenzene	12.221	146	349634	96.14	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	13.005	75	77564	135.63	ug/l	99
93) 1,2,4-Trichlorobenzene	13.848	180	249689	116.57	ug/l	100
94) Hexachlorobutadiene	14.028	225	129616	100.48	ug/l	99
95) Naphthalene	14.095	128	765828	131.26	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	249208	110.97	ug/l	99

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

