

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032421\
 Data File : VU042769.D
 Acq On : 24 Mar 2021 16:29
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

apatel
 3/30/2021 10:58:01 AM

Quant Time: Mar 25 05:17:53 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	5.382	168	137585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	212889	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.424	117	212738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	123252	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	318967	152.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	305.80%	
35) Dibromofluoromethane	5.298	113	228374	120.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	241.44%	
50) Toluene-d8	7.906	98	851259	121.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	243.82%	
62) 4-Bromofluorobenzene	10.642	95	344622	125.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	251.64%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.389	85	244115	163.93	ug/l	98
3) Chloromethane	1.520	50	228126	127.76	ug/l	99
4) Vinyl Chloride	1.607	62	229031	128.69	ug/l	99
5) Bromomethane	1.855	94	129650	127.94	ug/l	98
6) Chloroethane	1.925	64	106097	89.28	ug/l	100
7) Trichlorofluoromethane	2.134	101	380063	153.06	ug/l	97
8) Diethyl Ether	2.382	74	123147	119.76	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.581	101	188292	120.23	ug/l	97
10) Methyl Iodide	2.726	142	262414	187.76	ug/l	98
11) Tert butyl alcohol	3.314	59	366083m	823.27	ug/l	
12) 1,1-Dichloroethene	2.581	96	181219	123.86	ug/l	99
13) Acrolein	2.495	56	121308	368.13	ug/l	98
14) Allyl chloride	2.925	41	421362	147.69	ug/l	97
15) Acrylonitrile	3.327	53	832479	767.19	ug/l	100
16) Acetone	2.639	43	795297	714.87	ug/l	100
17) Carbon Disulfide	2.797	76	525741	153.27	ug/l	99
18) Methyl Acetate	2.954	43	392485	148.70	ug/l	99
19) Methyl tert-butyl Ether	3.372	73	748909	139.98	ug/l	98
20) Methylene Chloride	3.051	84	216083	113.90	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	211982	135.85	ug/l	96
22) Diisopropyl ether	4.003	45	880580	157.90	ug/l	94
23) Vinyl Acetate	3.964	43	4203108	908.16	ug/l	100
24) 1,1-Dichloroethane	3.877	63	415251	127.05	ug/l	99
25) 2-Butanone	4.716	43	1327117	894.15	ug/l	100
26) 2,2-Dichloropropane	4.675	77	384415	143.72	ug/l	100
27) cis-1,2-Dichloroethene	4.675	96	245406	130.59	ug/l	99
28) Bromochloromethane	4.983	49	212429	139.50	ug/l	# 99
29) Tetrahydrofuran	5.060	42	868353	957.17	ug/l	99
30) Chloroform	5.099	83	446394	132.69	ug/l	96
31) Cyclohexane	5.398	56	393350	157.33	ug/l	99
32) 1,1,1-Trichloroethane	5.324	97	398797	146.33	ug/l	99
36) 1,1-Dichloropropene	5.533	75	321028	139.25	ug/l	100
37) Ethyl Acetate	4.813	43	499004	177.08	ug/l	99
38) Carbon Tetrachloride	5.533	117	347412	140.18	ug/l	98
39) Methylcyclohexane	6.771	83	367104	148.00	ug/l	100
40) Benzene	5.784	78	923242	126.62	ug/l	99

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41) Methacrylonitrile	4.983	41	275308	184.75	ug/l	98
42) 1,2-Dichloroethane	5.803	62	394759	150.17	ug/l	99
43) Isopropyl Acetate	5.922	43	760941	173.85	ug/l	99
44) Trichloroethene	6.549	130	235695	117.41	ug/l	98
45) 1,2-Dichloropropane	6.800	63	252807	119.44	ug/l	97
46) Dibromomethane	6.925	93	178641	132.45	ug/l	99
47) Bromodichloromethane	7.115	83	364082	131.17	ug/l	97
48) Methyl methacrylate	6.970	41	392114	186.91	ug/l	98
49) 1,4-Dioxane	7.009	88	138371	3068.19	ug/l #	83
51) 4-Methyl-2-Pentanone	7.806	43	2733654	900.46	ug/l	99
52) Toluene	7.977	92	598252	130.82	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	425053	147.36	ug/l	98
54) cis-1,3-Dichloropropene	7.617	75	424866	135.88	ug/l	97
55) 1,1,2-Trichloroethane	8.411	97	249799	121.14	ug/l	96
56) Ethyl methacrylate	8.343	69	439663	156.97	ug/l	97
57) 1,3-Dichloropropane	8.584	76	429191	127.26	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	673357	764.09	ug/l	99
59) 2-Hexanone	8.700	43	2166679	943.55	ug/l	99
60) Dibromochloromethane	8.819	129	304656	136.49	ug/l	98
61) 1,2-Dibromoethane	8.932	107	285463	139.24	ug/l	99
64) Tetrachloroethene	8.562	164	232071	125.33	ug/l	97
65) Chlorobenzene	9.456	112	642349	122.21	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.543	131	257214	126.89	ug/l	99
67) Ethyl Benzene	9.578	91	1193467	137.26	ug/l	100
68) m/p-Xylenes	9.700	106	885978	271.91	ug/l	98
69) o-Xylene	10.108	106	431501	135.73	ug/l	99
70) Styrene	10.121	104	759986	137.23	ug/l	100
71) Bromoform	10.301	173	266516	149.88	ug/l #	100
73) Isopropylbenzene	10.491	105	1192144	148.92	ug/l	100
74) N-amyl acetate	10.330	43	729212	213.39	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.793	83	472481	145.76	ug/l	100
76) 1,2,3-Trichloropropane	10.835	75	467578m	170.11	ug/l	
77) Bromobenzene	10.790	156	319220	143.00	ug/l	99
78) n-propylbenzene	10.915	91	1439190	154.64	ug/l	100
79) 2-Chlorotoluene	10.996	91	843323	148.92	ug/l	100
80) 1,3,5-Trimethylbenzene	11.096	105	1057290	157.10	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	175694	207.80	ug/l	96
82) 4-Chlorotoluene	11.105	91	1012904	154.53	ug/l	100
83) tert-Butylbenzene	11.430	119	1023423	152.73	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	1072580	157.95	ug/l	99
85) sec-Butylbenzene	11.652	105	1220322	154.06	ug/l	99
86) p-Isopropyltoluene	11.803	119	1143846	156.07	ug/l	99
87) 1,3-Dichlorobenzene	11.755	146	577530	141.84	ug/l	99
88) 1,4-Dichlorobenzene	11.845	146	581752	136.82	ug/l	99
89) n-Butylbenzene	12.218	91	1097853	171.16	ug/l	99
90) Hexachloroethane	12.485	117	210950	175.73	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	578888	144.13	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	129691	205.34	ug/l	98
93) 1,2,4-Trichlorobenzene	13.848	180	420867	177.91	ug/l	99
94) Hexachlorobutadiene	14.031	225	214921	150.86	ug/l	99
95) Naphthalene	14.095	128	1315030	204.09	ug/l	100
96) 1,2,3-Trichlorobenzene	14.337	180	420134	169.40	ug/l	100

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

