

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102921\
 Data File : VU045478.D
 Acq On : 29 Oct 2021 20:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/01/2021
 Supervised By : Mahesh Dadoda 11/01/2021

Quant Time: Oct 30 04:12:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	204129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	384097	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	364960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	180454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	169475	50.996	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.000%			
35) Dibromofluoromethane	5.295	113	123341	50.503	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.000%			
50) Toluene-d8	7.902	98	494231	51.606	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.220%			
62) 4-Bromofluorobenzene	10.635	95	191823	52.562	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	141316	47.281	ug/l	99
3) Chloromethane	1.520	50	188246	46.345	ug/l	98
4) Vinyl Chloride	1.604	62	164821	48.879	ug/l	100
5) Bromomethane	1.858	94	99035	48.380	ug/l	99
6) Chloroethane	1.935	64	95007	46.764	ug/l	97
7) Trichlorofluoromethane	2.141	101	189222	50.120	ug/l	100
8) Diethyl Ether	2.379	74	88852	50.761	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.584	101	115334	50.848	ug/l	99
10) Methyl Iodide	2.726	142	92469	43.699	ug/l	99
11) Tert butyl alcohol	3.218	59	192736	268.681	ug/l	99
12) 1,1-Dichloroethene	2.584	96	117953	50.577	ug/l	98
13) Acrolein	2.491	56	43404	270.345	ug/l	99
14) Allyl chloride	2.928	41	223281	52.139	ug/l	99
15) Acrylonitrile	3.321	53	461365	265.276	ug/l	99
16) Acetone	2.642	43	374025	247.908	ug/l	98
17) Carbon Disulfide	2.797	76	334540	49.292	ug/l	100
18) Methyl Acetate	2.954	43	292857	52.126	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	449458	52.381	ug/l	99
20) Methylene Chloride	3.051	84	145623	48.438	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	129158	51.393	ug/l	98
22) Diisopropyl ether	3.996	45	443827	52.999	ug/l	99
23) Vinyl Acetate	3.960	43	1741591	268.109	ug/l	99
24) 1,1-Dichloroethane	3.874	63	253179	51.593	ug/l	100
25) 2-Butanone	4.710	43	609684	267.685	ug/l	98
26) 2,2-Dichloropropane	4.671	77	186709	49.112	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	151429	52.363	ug/l	99
28) Bromochloromethane	4.980	49	119171	49.234	ug/l	98
29) Tetrahydrofuran	5.057	42	392966	266.044	ug/l	100
30) Chloroform	5.092	83	244787	51.446	ug/l	99
31) Cyclohexane	5.391	56	245874	49.694	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	204635	52.403	ug/l	99
36) 1,1-Dichloropropene	5.530	75	188668	51.601	ug/l	99
37) Ethyl Acetate	4.806	43	228228	51.541	ug/l	99
38) Carbon Tetrachloride	5.530	117	160538	50.344	ug/l	99
39) Methylcyclohexane	6.767	83	232251	51.080	ug/l	99
40) Benzene	5.777	78	562727	51.128	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	125561	53.580	ug/l	99
42) 1,2-Dichloroethane	5.796	62	201169	49.766	ug/l	99
43) Isopropyl Acetate	5.912	43	353366	52.952	ug/l	99
44) Trichloroethene	6.546	130	132569	51.969	ug/l	100
45) 1,2-Dichloropropane	6.793	63	147913	51.066	ug/l	98
46) Dibromomethane	6.922	93	98418	52.183	ug/l	99
47) Bromodichloromethane	7.108	83	190512	51.327	ug/l	99
48) Methyl methacrylate	6.960	41	169120	53.468	ug/l	99
49) 1,4-Dioxane	7.009	88	80382	999.956	ug/l #	100
51) 4-Methyl-2-Pentanone	7.793	43	1159564	268.844	ug/l	100
52) Toluene	7.973	92	351249	52.499	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	221720	52.410	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	237343	52.387	ug/l	98
55) 1,1,2-Trichloroethane	8.404	97	140306	51.339	ug/l	99
56) Ethyl methacrylate	8.337	69	244489	48.927	ug/l	99
57) 1,3-Dichloropropane	8.578	76	249216	51.373	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	636260	253.995	ug/l	99
59) 2-Hexanone	8.687	43	903678	270.418	ug/l	100
60) Dibromochloromethane	8.812	129	133353	50.843	ug/l	99
61) 1,2-Dibromoethane	8.925	107	149833	52.343	ug/l	99
64) Tetrachloroethene	8.555	164	108165	51.848	ug/l	99
65) Chlorobenzene	9.449	112	353290	51.056	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	121343	51.976	ug/l	100
67) Ethyl Benzene	9.574	91	665831	52.529	ug/l	100
68) m/p-Xylenes	9.697	106	510294	106.652	ug/l	100
69) o-Xylene	10.102	106	248647	53.295	ug/l	100
70) Styrene	10.118	104	425504	49.338	ug/l	100
71) Bromoform	10.295	173	98731	46.885	ug/l #	99
73) Isopropylbenzene	10.488	105	643419	52.879	ug/l	100
74) N-amyl acetate	10.320	43	312336	49.501	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.787	83	245158	50.765	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	235002m	48.877	ug/l	
77) Bromobenzene	10.787	156	148393	52.268	ug/l	99
78) n-propylbenzene	10.909	91	792078	53.693	ug/l	100
79) 2-Chlorotoluene	10.989	91	463793	52.233	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	553569	54.066	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	79800	46.564	ug/l	99
82) 4-Chlorotoluene	11.098	91	539329	53.413	ug/l	100
83) tert-Butylbenzene	11.423	119	522354	52.853	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	551774	53.785	ug/l	100
85) sec-Butylbenzene	11.645	105	685900	52.886	ug/l	100
86) p-Isopropyltoluene	11.796	119	568332	49.467	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	288120	51.411	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	289692	50.550	ug/l	100
89) n-Butylbenzene	12.211	91	550358	48.960	ug/l	99
90) Hexachloroethane	12.478	117	93671	50.601	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	285185	50.879	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	62002	53.453	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	200739	53.478	ug/l	99
94) Hexachlorobutadiene	14.024	225	65835	48.170	ug/l	99
95) Naphthalene	14.089	128	770269	51.900	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	200630	53.026	ug/l	99

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

