

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069248.D
 Acq On : 28 Oct 2021 12:34
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/01/2021
 Supervised By :Semsettin Yesilyurt 11/01/2021

Quant Time: Oct 28 13:01:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 12:47:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	271635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	477416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	467481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	207819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	622894	167.219	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 334.440%#			
35) Dibromofluoromethane	8.021	113	473183	164.518	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 329.040%#			
50) Toluene-d8	10.443	98	1903935	165.862	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 331.720%#			
62) 4-Bromofluorobenzene	12.733	95	778022	179.382	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 358.760%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.067	85	483072	163.339	ug/l	100
3) Chloromethane	2.298	50	480398	145.877	ug/l	99
4) Vinyl Chloride	2.440	62	600943	175.862	ug/l	99
5) Bromomethane	2.813	94	253383	129.696	ug/l	98
6) Chloroethane	2.974	64	377054	183.243	ug/l	100
7) Trichlorofluoromethane	3.349	101	760278	160.618	ug/l	99
8) Diethyl Ether	3.821	74	269515	153.512	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.199	101	404848	159.016	ug/l	99
10) Methyl Iodide	4.414	142	583940	160.119	ug/l	97
11) Tert butyl alcohol	5.377	59	605456	901.211	ug/l	100
12) 1,1-Dichloroethene	4.173	96	392526	150.047	ug/l	98
13) Acrolein	4.036	56	139165	509.031	ug/l	97
14) Allyl chloride	4.832	41	717622	155.431	ug/l	96
15) Acrylonitrile	5.551	53	1372910	915.682	ug/l	98
16) Acetone	4.282	43	1262011	906.151	ug/l	100
17) Carbon Disulfide	4.524	76	1065647	153.070	ug/l	99
18) Methyl Acetate	4.848	43	910147	175.703	ug/l	97
19) Methyl tert-butyl Ether	5.613	73	1594470	163.599	ug/l	99
20) Methylene Chloride	5.090	84	473734	154.353	ug/l	99
21) trans-1,2-Dichloroethene	5.591	96	440400	156.236	ug/l	99
22) Diisopropyl ether	6.495	45	1535684	158.999	ug/l	98
23) Vinyl Acetate	6.431	43	6157195	837.708	ug/l	98
24) 1,1-Dichloroethane	6.385	63	843372	159.014	ug/l	99
25) 2-Butanone	7.332	43	1934004	927.550	ug/l	97
26) 2,2-Dichloropropane	7.324	77	773833	154.391	ug/l	99
27) cis-1,2-Dichloroethene	7.324	96	530889	155.202	ug/l	99
28) Bromochloromethane	7.656	49	422040	172.484	ug/l	96
29) Tetrahydrofuran	7.681	42	1246823	925.940	ug/l	96
30) Chloroform	7.817	83	918225	163.448	ug/l	98
31) Cyclohexane	8.094	56	766332	139.037	ug/l	96
32) 1,1,1-Trichloroethane	8.013	97	839253	160.895	ug/l	99
36) 1,1-Dichloropropene	8.222	75	659507	162.026	ug/l	99
37) Ethyl Acetate	7.410	43	755719	175.972	ug/l	99
38) Carbon Tetrachloride	8.206	117	718345	161.410	ug/l	99
39) Methylcyclohexane	9.461	83	818292	157.361	ug/l	97
40) Benzene	8.461	78	1971500	159.258	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	376748	177.499	ug/l	95
42) 1,2-Dichloroethane	8.528	62	740146	167.340	ug/l	99
43) Isopropyl Acetate	8.560	43	1240309	167.080	ug/l	99
44) Trichloroethene	9.217	130	496222	160.427	ug/l	99
45) 1,2-Dichloropropane	9.491	63	506722	158.265	ug/l	98
46) Dibromomethane	9.577	93	368062	166.725	ug/l	100
47) Bromodichloromethane	9.762	83	733671	162.544	ug/l	99
48) Methyl methacrylate	9.561	41	561138	162.571	ug/l	90
49) 1,4-Dioxane	9.569	88	266636	4271.108	ug/l	96
51) 4-Methyl-2-Pentanone	10.333	43	4104613	935.331	ug/l	98
52) Toluene	10.507	92	1315246	165.140	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	846031	165.892	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	870155	163.872	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	525877	166.258	ug/l	99
56) Ethyl methacrylate	10.762	69	929947	175.383	ug/l	98
57) 1,3-Dichloropropane	11.044	76	880929	169.157	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	1371664	1040.553	ug/l	99
59) 2-Hexanone	11.087	43	3153640	990.688	ug/l	99
60) Dibromochloromethane	11.240	129	576240	164.158	ug/l	99
61) 1,2-Dibromoethane	11.347	107	565382	173.871	ug/l	99
64) Tetrachloroethene	10.979	164	433803	145.961	ug/l	97
65) Chlorobenzene	11.771	112	1430902	161.491	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	535232	155.534	ug/l	99
67) Ethyl Benzene	11.846	91	2652092	161.451	ug/l	100
68) m/p-Xylenes	11.956	106	2013268	323.515	ug/l	99
69) o-Xylene	12.280	106	1019037	163.510	ug/l	98
70) Styrene	12.296	104	1762745	173.516	ug/l	100
71) Bromoform	12.460	173	458907	168.379	ug/l #	100
73) Isopropylbenzene	12.581	105	2691084	156.102	ug/l	100
74) N-amyl acetate	12.387	43	1103576	168.578	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	820065	161.631	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	822566m	180.456	ug/l	
77) Bromobenzene	12.862	156	622595	163.055	ug/l	99
78) n-propylbenzene	12.921	91	3122819	161.303	ug/l	100
79) 2-Chlorotoluene	13.010	91	1910117	159.783	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	2250391	156.900	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	300566	165.030	ug/l	97
82) 4-Chlorotoluene	13.106	91	1902081	164.642	ug/l	100
83) tert-Butylbenzene	13.323	119	1980539	158.581	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	2205204	159.367	ug/l	100
85) sec-Butylbenzene	13.503	105	2804676	161.860	ug/l	100
86) p-Isopropyltoluene	13.616	119	2273948	163.802	ug/l	100
87) 1,3-Dichlorobenzene	13.616	146	1085530	164.013	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	1052302	160.750	ug/l	99
89) n-Butylbenzene	13.943	91	1938077	168.465	ug/l	100
90) Hexachloroethane	14.211	117	433282	151.847	ug/l	99
91) 1,2-Dichlorobenzene	13.989	146	1019570	158.719	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.603	75	180536	184.950	ug/l	98
93) 1,2,4-Trichlorobenzene	15.265	180	538572	190.530	ug/l	99
94) Hexachlorobutadiene	15.370	225	255652	142.794	ug/l	99
95) Naphthalene	15.507	128	1687344	223.395	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	523843	194.251	ug/l	99

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

