

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069245.D
 Acq On : 28 Oct 2021 11:18
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: Oct 28 12:50:43 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	8.088	168	252254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	441566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	401505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	164190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	69933	20.216	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	40.440%#		
35) Dibromofluoromethane	8.021	113	52767	19.836	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	39.680%#		
50) Toluene-d8	10.443	98	208398	19.629	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	39.260%#		
62) 4-Bromofluorobenzene	12.734	95	72921	18.178	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	36.360%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	61465	22.380	ug/l	99
3) Chloromethane	2.303	50	64544	21.105	ug/l	100
4) Vinyl Chloride	2.443	62	75638	23.836	ug/l	99
5) Bromomethane	2.853	94	50972	28.095	ug/l	97
6) Chloroethane	3.017	64	49054	25.671	ug/l	97
7) Trichlorofluoromethane	3.376	101	98969	22.515	ug/l	98
8) Diethyl Ether	3.827	74	35410	21.719	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.216	101	53454	22.609	ug/l	98
10) Methyl Iodide	4.425	142	65441	19.323	ug/l	97
11) Tert butyl alcohol	5.366	59	70842	113.549	ug/l	100
12) 1,1-Dichloroethene	4.189	96	50459	20.770	ug/l	98
13) Acrolein	4.044	56	14730	58.018	ug/l	96
14) Allyl chloride	4.846	41	85659	19.979	ug/l	94
15) Acrylonitrile	5.557	53	167784	120.504	ug/l	98
16) Acetone	4.288	43	182924	141.435	ug/l	98
17) Carbon Disulfide	4.537	76	119879	18.542	ug/l	99
18) Methyl Acetate	4.854	43	115526	24.016	ug/l	98
19) Methyl tert-butyl Ether	5.618	73	194511	21.491	ug/l	99
20) Methylene Chloride	5.098	84	61285	21.502	ug/l	95
21) trans-1,2-Dichloroethene	5.605	96	54482	20.813	ug/l	98
22) Diisopropyl ether	6.498	45	184027	20.517	ug/l	99
23) Vinyl Acetate	6.436	43	719540	105.417	ug/l	99
24) 1,1-Dichloroethane	6.391	63	106335	21.589	ug/l	99
25) 2-Butanone	7.335	43	247050	127.589	ug/l	98
26) 2,2-Dichloropropane	7.327	77	93889	20.171	ug/l	100
27) cis-1,2-Dichloroethene	7.332	96	66181	20.834	ug/l	99
28) Bromochloromethane	7.659	49	46641	20.526	ug/l	95
29) Tetrahydrofuran	7.686	42	154238	123.344	ug/l	97
30) Chloroform	7.818	83	113439	21.744	ug/l	99
31) Cyclohexane	8.094	56	103406	20.203	ug/l	93
32) 1,1,1-Trichloroethane	8.016	97	100474	20.742	ug/l	98
36) 1,1-Dichloropropene	8.225	75	81060	21.531	ug/l	99
37) Ethyl Acetate	7.413	43	94311	23.744	ug/l	98
38) Carbon Tetrachloride	8.209	117	83693	20.332	ug/l	99
39) Methylcyclohexane	9.462	83	101625	21.130	ug/l	97
40) Benzene	8.461	78	250665	21.893	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	45216	23.032	ug/l	95
42) 1,2-Dichloroethane	8.531	62	91658	22.405	ug/l	100
43) Isopropyl Acetate	8.560	43	155594	22.662	ug/l	100
44) Trichloroethene	9.218	130	62118	21.713	ug/l	99
45) 1,2-Dichloropropane	9.491	63	63392	21.407	ug/l	98
46) Dibromomethane	9.580	93	44385	21.738	ug/l	99
47) Bromodichloromethane	9.762	83	86168	20.640	ug/l	98
48) Methyl methacrylate	9.561	41	70619	22.121	ug/l	97
49) 1,4-Dioxane	9.569	88	30694	531.590	ug/l	94
51) 4-Methyl-2-Pentanone	10.331	43	478854	117.977	ug/l	100
52) Toluene	10.508	92	158731	21.548	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	91326	19.361	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	97679	19.889	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	64184	21.939	ug/l	98
56) Ethyl methacrylate	10.762	69	102709	20.943	ug/l	98
57) 1,3-Dichloropropane	11.047	76	107276	22.272	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.041	63	100046	82.057	ug/l	99
59) 2-Hexanone	11.087	43	353657	120.118	ug/l	100
60) Dibromochloromethane	11.240	129	61791	19.032	ug/l	100
61) 1,2-Dibromoethane	11.347	107	66988	22.273	ug/l	100
64) Tetrachloroethene	10.980	164	55458	21.726	ug/l	99
65) Chlorobenzene	11.771	112	168615	22.157	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	61442	20.788	ug/l	99
67) Ethyl Benzene	11.846	91	310854	22.033	ug/l	99
68) m/p-Xylenes	11.956	106	232844	43.564	ug/l	99
69) o-Xylene	12.280	106	117247	21.904	ug/l	100
70) Styrene	12.296	104	184633	21.161	ug/l	99
71) Bromoform	12.460	173	42286	18.065	ug/l #	99
73) Isopropylbenzene	12.581	105	301766	22.156	ug/l	100
74) N-amyl acetate	12.388	43	111043	21.470	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.827	83	97905	24.424	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	87637m	24.335	ug/l	
77) Bromobenzene	12.862	156	66059	21.898	ug/l	98
78) n-propylbenzene	12.921	91	333226	21.786	ug/l	100
79) 2-Chlorotoluene	13.010	91	210126	22.248	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	248180	21.901	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	25919	18.013	ug/l	91
82) 4-Chlorotoluene	13.106	91	199260	21.831	ug/l	100
83) tert-Butylbenzene	13.324	119	218919	22.187	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	242404	22.173	ug/l	100
85) sec-Butylbenzene	13.503	105	298698	21.819	ug/l	99
86) p-Isopropyltoluene	13.616	119	236682	21.579	ug/l	99
87) 1,3-Dichlorobenzene	13.616	146	114531	21.903	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	111721	21.601	ug/l	98
89) n-Butylbenzene	13.943	91	182654	20.096	ug/l	99
90) Hexachloroethane	14.214	117	41034	18.202	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	113465	22.357	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.603	75	17695	22.945	ug/l	97
93) 1,2,4-Trichlorobenzene	15.263	180	46295	20.730	ug/l	99
94) Hexachlorobutadiene	15.370	225	29356	20.754	ug/l	98
95) Naphthalene	15.507	128	128332	21.505	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	45747	21.472	ug/l	98

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

