

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070522\
 Data File : VN073312.D
 Acq On : 05 Jul 2022 13:51
 Operator : JC\MD
 Sample : VN0705WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0705WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/06/2022
 Supervised By :Semsettin Yesilyurt 07/06/2022

Quant Time: Jul 06 01:13:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	233283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	422631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	375850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	171289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	178045	52.868	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.740%			
35) Dibromofluoromethane	7.951	113	138394	49.219	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.440%			
50) Toluene-d8	10.380	98	473898	47.453	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.900%			
62) 4-Bromofluorobenzene	12.669	95	185625	48.367	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	64611	18.944	ug/l	96
3) Chloromethane	2.269	50	61861	18.682	ug/l	97
4) Vinyl Chloride	2.405	62	53885	19.153	ug/l	99
5) Bromomethane	2.805	94	27710	20.853	ug/l	93
6) Chloroethane	2.969	64	33732	20.382	ug/l	96
7) Trichlorofluoromethane	3.316	101	94210	19.369	ug/l	98
8) Diethyl Ether	3.769	74	40185	20.295	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.146	101	51210	17.818	ug/l	97
10) Methyl Iodide	4.346	142	50540	15.887	ug/l	91
11) Tert butyl alcohol	5.287	59	89639	109.878	ug/l	99
12) 1,1-Dichloroethene	4.110	96	52461	19.103	ug/l	92
13) Acrolein	3.987	56	39531	76.663	ug/l	93
14) Allyl chloride	4.763	41	116186	20.083	ug/l #	94
15) Acrylonitrile	5.475	53	234594	111.706	ug/l	100
16) Acetone	4.222	43	209184	110.659	ug/l	100
17) Carbon Disulfide	4.463	76	132308	18.580	ug/l	100
18) Methyl Acetate	4.781	43	115207	21.748	ug/l #	89
19) Methyl tert-butyl Ether	5.528	73	209074	20.889	ug/l	99
20) Methylene Chloride	5.016	84	66507	20.019	ug/l #	86
21) trans-1,2-Dichloroethene	5.516	96	54960	19.153	ug/l	96
22) Diisopropyl ether	6.416	45	233199	21.602	ug/l	96
23) Vinyl Acetate	6.351	43	1019377	105.467	ug/l	94
24) 1,1-Dichloroethane	6.304	63	117027	20.948	ug/l	98
25) 2-Butanone	7.263	43	346361	115.084	ug/l	91
26) 2,2-Dichloropropane	7.245	77	93715	18.138	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	69179	19.908	ug/l	93
28) Bromochloromethane	7.587	49	53267	22.767	ug/l	82
29) Tetrahydrofuran	7.610	42	235248	114.156	ug/l #	85
30) Chloroform	7.745	83	119766	21.285	ug/l	97
31) Cyclohexane	8.022	56	101721	18.443	ug/l	90
32) 1,1,1-Trichloroethane	7.939	97	99017	19.747	ug/l	99
36) 1,1-Dichloropropene	8.151	75	81097	18.744	ug/l	97
37) Ethyl Acetate	7.334	43	138350	21.163	ug/l #	94
38) Carbon Tetrachloride	8.134	117	82568	18.454	ug/l	94
39) Methylcyclohexane	9.392	83	94451	17.535	ug/l	94
40) Benzene	8.386	78	256871	19.238	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	67243	21.209	ug/l #	83
42) 1,2-Dichloroethane	8.463	62	98497	20.350	ug/l	97
43) Isopropyl Acetate	8.492	43	193062	20.549	ug/l	94
44) Trichloroethene	9.151	130	61066	17.971	ug/l	89
45) 1,2-Dichloropropane	9.422	63	67039	19.698	ug/l	98
46) Dibromomethane	9.516	93	45306	19.606	ug/l	92
47) Bromodichloromethane	9.698	83	90560	20.234	ug/l	100
48) Methyl methacrylate	9.492	41	84788	19.491	ug/l	90
49) 1,4-Dioxane	9.504	88	35161	425.772	ug/l #	93
51) 4-Methyl-2-Pentanone	10.269	43	642694	107.870	ug/l	90
52) Toluene	10.439	92	158247	19.177	ug/l	97
53) t-1,3-Dichloropropene	10.657	75	95534	19.390	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	103203	19.402	ug/l #	85
55) 1,1,2-Trichloroethane	10.839	97	66228	19.495	ug/l	99
56) Ethyl methacrylate	10.698	69	108935	19.839	ug/l #	86
57) 1,3-Dichloropropane	10.980	76	114807	19.714	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	247439	101.044	ug/l	95
59) 2-Hexanone	11.022	43	492946	108.539	ug/l	89
60) Dibromochloromethane	11.175	129	65501	20.223	ug/l	99
61) 1,2-Dibromoethane	11.286	107	68379	20.152	ug/l	100
64) Tetrachloroethene	10.916	164	54456	17.743	ug/l	98
65) Chlorobenzene	11.710	112	160423	18.872	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.780	131	61450	19.654	ug/l	97
67) Ethyl Benzene	11.780	91	292552	18.957	ug/l	96
68) m/p-Xylenes	11.892	106	220463	37.854	ug/l	96
69) o-Xylene	12.222	106	111813	18.806	ug/l	96
70) Styrene	12.233	104	179286	19.531	ug/l	99
71) Bromoform	12.398	173	46933	20.514	ug/l #	100
73) Isopropylbenzene	12.516	105	283147	19.143	ug/l	98
74) N-amyl acetate	12.327	43	145237	19.609	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.769	83	102657	20.915	ug/l	99
76) 1,2,3-Trichloropropane	12.816	75	101842m	22.738	ug/l	
77) Bromobenzene	12.798	156	66776	19.417	ug/l	85
78) n-propylbenzene	12.857	91	322899	19.650	ug/l	98
79) 2-Chlorotoluene	12.945	91	203642	19.581	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	238047	19.745	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.563	75	30567	18.717	ug/l	86
82) 4-Chlorotoluene	13.039	91	190166	18.887	ug/l	97
83) tert-Butylbenzene	13.263	119	206260	19.083	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	234142	19.452	ug/l	97
85) sec-Butylbenzene	13.439	105	276997	19.085	ug/l	98
86) p-Isopropyltoluene	13.557	119	228829	19.517	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	117975	19.122	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	118309	19.139	ug/l	99
89) n-Butylbenzene	13.880	91	183295	18.761	ug/l	98
90) Hexachloroethane	14.145	117	41577	19.028	ug/l	86
91) 1,2-Dichlorobenzene	13.921	146	121977	19.408	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	25107	21.045	ug/l	87
93) 1,2,4-Trichlorobenzene	15.192	180	59798	18.273	ug/l	98
94) Hexachlorobutadiene	15.298	225	27375	18.818	ug/l	98
95) Naphthalene	15.433	128	250769	18.996	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	62717	18.579	ug/l	98

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

