

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072022\
 Data File : VN073532.D
 Acq On : 20 Jul 2022 19:20
 Operator : JC\MD
 Sample : VN0720WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBS01

Quant Time: Jul 21 08:25:57 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

Manual Integrations APPROVED

Reviewed By : John Carlone 07/21/2022
 Supervised By : Mahesh Dadoda 07/21/2022

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

Internal Standards						
1) Pentafluorobenzene	8.022	168	207990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	351809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	331284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	163466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	148194	49.356	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.720%
35) Dibromofluoromethane	7.951	113	120751	51.589	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.180%
50) Toluene-d8	10.380	98	408316	49.117	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.240%
62) 4-Bromofluorobenzene	12.674	95	164291	51.426	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.860%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.045	85	45439	14.943	ug/l	100
3) Chloromethane	2.263	50	50507	17.108	ug/l	100
4) Vinyl Chloride	2.404	62	44554	17.762	ug/l	99
5) Bromomethane	2.798	94	23399	19.750	ug/l	95
6) Chloroethane	2.963	64	29169	19.768	ug/l	98
7) Trichlorofluoromethane	3.316	101	69550	16.038	ug/l	97
8) Diethyl Ether	3.769	74	33441	18.943	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.139	101	45816	17.880	ug/l	97
10) Methyl Iodide	4.345	142	41145	14.788	ug/l	95
11) Tert butyl alcohol	5.292	59	83167	114.342	ug/l #	85
12) 1,1-Dichloroethene	4.110	96	42301	17.277	ug/l	93
13) Acrolein	3.981	56	11316	24.614	ug/l	97
14) Allyl chloride	4.763	41	96281	18.666	ug/l #	93
15) Acrylonitrile	5.481	53	216080	115.402	ug/l	99
16) Acetone	4.222	43	198780	117.943	ug/l	92
17) Carbon Disulfide	4.457	76	80231	12.637	ug/l	99
18) Methyl Acetate	4.781	43	122472	25.930	ug/l #	87
19) Methyl tert-butyl Ether	5.533	73	181217	20.307	ug/l	99
20) Methylene Chloride	5.016	84	56965	19.232	ug/l	93
21) trans-1,2-Dichloroethene	5.522	96	42285	16.528	ug/l	96
22) Diisopropyl ether	6.416	45	210367	21.857	ug/l #	95
23) Vinyl Acetate	6.351	43	853422	99.034	ug/l #	93
24) 1,1-Dichloroethane	6.310	63	100392	20.156	ug/l	99
25) 2-Butanone	7.263	43	322373	120.139	ug/l #	88
26) 2,2-Dichloropropane	7.251	77	70189	15.237	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	57543	18.573	ug/l	95
28) Bromochloromethane	7.580	49	47832	22.930	ug/l	83
29) Tetrahydrofuran	7.616	42	214504	116.748	ug/l #	86
30) Chloroform	7.745	83	101288	20.190	ug/l	99
31) Cyclohexane	8.022	56	82288	16.734	ug/l	90
32) 1,1,1-Trichloroethane	7.939	97	84541	18.910	ug/l	99
36) 1,1-Dichloropropene	8.151	75	64512	17.912	ug/l	99
37) Ethyl Acetate	7.339	43	118709	21.814	ug/l	96
38) Carbon Tetrachloride	8.133	117	65109	17.482	ug/l	98
39) Methylcyclohexane	9.392	83	75886	16.924	ug/l	90
40) Benzene	8.392	78	215558	19.394	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.569	41	66785	25.305	ug/l	#	81
42) 1,2-Dichloroethane	8.463	62	81890	20.325	ug/l		99
43) Isopropyl Acetate	8.498	43	170623	21.816	ug/l	#	92
44) Trichloroethene	9.151	130	51795	18.312	ug/l		92
45) 1,2-Dichloropropane	9.421	63	58960	20.812	ug/l		96
46) Dibromomethane	9.510	93	38873	20.209	ug/l		92
47) Bromodichloromethane	9.698	83	76855	20.629	ug/l		98
48) Methyl methacrylate	9.498	41	76225	21.050	ug/l		93
49) 1,4-Dioxane	9.510	88	33457	486.695	ug/l	#	87
51) 4-Methyl-2-Pentanone	10.268	43	613271	123.652	ug/l		90
52) Toluene	10.445	92	137889	20.074	ug/l		100
53) t-1,3-Dichloropropene	10.663	75	76392	18.626	ug/l		94
54) cis-1,3-Dichloropropene	10.127	75	84175	19.011	ug/l	#	84
55) 1,1,2-Trichloroethane	10.839	97	60742	21.480	ug/l		95
56) Ethyl methacrylate	10.704	69	96825	21.184	ug/l	#	83
57) 1,3-Dichloropropane	10.986	76	98747	20.370	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.980	63	201229	98.716	ug/l		95
59) 2-Hexanone	11.027	43	475839	125.864	ug/l		88
60) Dibromochloromethane	11.180	129	56824	21.076	ug/l		99
61) 1,2-Dibromoethane	11.286	107	56849	20.127	ug/l		98
64) Tetrachloroethene	10.915	164	55188	20.401	ug/l		97
65) Chlorobenzene	11.710	112	142614	19.034	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.780	131	53976	19.586	ug/l		98
67) Ethyl Benzene	11.786	91	268653	19.751	ug/l		96
68) m/p-Xylenes	11.892	106	196265	38.232	ug/l		96
69) o-Xylene	12.221	106	104280	19.899	ug/l		96
70) Styrene	12.233	104	166540	20.583	ug/l		99
71) Bromoform	12.398	173	42666	21.158	ug/l	#	99
73) Isopropylbenzene	12.521	105	262177	18.573	ug/l		98
74) N-amyl acetate	12.333	43	134238	18.992	ug/l	#	90
75) 1,1,2,2-Tetrachloroethane	12.768	83	96732	20.651	ug/l		95
76) 1,2,3-Trichloropropane	12.821	75	85710m	20.052	ug/l		
77) Bromobenzene	12.798	156	61425	18.716	ug/l		91
78) n-propylbenzene	12.862	91	297130	18.948	ug/l		97
79) 2-Chlorotoluene	12.945	91	180789	18.215	ug/l		97
80) 1,3,5-Trimethylbenzene	12.998	105	218860	19.022	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.568	75	25453	16.331	ug/l	#	86
82) 4-Chlorotoluene	13.045	91	172212	17.923	ug/l		98
83) tert-Butylbenzene	13.262	119	198563	19.250	ug/l		97
84) 1,2,4-Trimethylbenzene	13.309	105	228147	19.861	ug/l		97
85) sec-Butylbenzene	13.439	105	275850	19.916	ug/l		100
86) p-Isopropyltoluene	13.556	119	220195	19.680	ug/l		99
87) 1,3-Dichlorobenzene	13.556	146	109800	18.649	ug/l		98
88) 1,4-Dichlorobenzene	13.633	146	109251	18.520	ug/l		99
89) n-Butylbenzene	13.886	91	187648	20.126	ug/l		99
90) Hexachloroethane	14.151	117	37110	17.797	ug/l		89
91) 1,2-Dichlorobenzene	13.927	146	112387	18.738	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	22906	20.119	ug/l		91
93) 1,2,4-Trichlorobenzene	15.198	180	64681	20.711	ug/l		99
94) Hexachlorobutadiene	15.298	225	30525	21.988	ug/l		98
95) Naphthalene	15.433	128	277019	21.988	ug/l		98
96) 1,2,3-Trichlorobenzene	15.627	180	66476	20.635	ug/l		97

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

07/21/2022
 Supervised By :Mahesh
 Dadoda

07/21/2022

