

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072822\
 Data File : VN073622.D
 Acq On : 28 Jul 2022 13:22
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Jul 29 01:32:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 01:29:16 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/29/2022
 Supervised By : Mahesh Dadoda 07/29/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	378220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	623216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	570715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	266330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	95913	20.809	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	41.620%#		
35) Dibromofluoromethane	7.951	113	81958	20.943	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	41.880%#		
50) Toluene-d8	10.380	98	323605	21.014	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	42.020%#		
62) 4-Bromofluorobenzene	12.674	95	99901	20.979	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	41.960%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	75426	20.889	ug/l	96
3) Chloromethane	2.269	50	103778	19.654	ug/l	100
4) Vinyl Chloride	2.404	62	126288	19.829	ug/l	96
5) Bromomethane	2.810	94	79132	21.266	ug/l	98
6) Chloroethane	2.969	64	83834	18.774	ug/l	97
7) Trichlorofluoromethane	3.316	101	138349	21.014	ug/l	100
8) Diethyl Ether	3.769	74	48342	20.022	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.146	101	71572	19.076	ug/l	99
10) Methyl Iodide	4.346	142	71013	19.094	ug/l	97
11) Tert butyl alcohol	5.293	59	102632	103.247	ug/l	100
12) 1,1-Dichloroethene	4.116	96	70634	20.070	ug/l	91
13) Acrolein	3.981	56	92694	94.059	ug/l	100
14) Allyl chloride	4.769	41	111249	19.102	ug/l	98
15) Acrylonitrile	5.475	53	276029	101.447	ug/l	100
16) Acetone	4.222	43	241817	97.952	ug/l	99
17) Carbon Disulfide	4.457	76	186737	19.343	ug/l	97
18) Methyl Acetate	4.775	43	119597	19.480	ug/l	100
19) Methyl tert-butyl Ether	5.534	73	249827	20.733	ug/l	99
20) Methylene Chloride	5.016	84	88107	17.943	ug/l	94
21) trans-1,2-Dichloroethene	5.522	96	76414	19.611	ug/l	96
22) Diisopropyl ether	6.410	45	246760	20.435	ug/l	99
23) Vinyl Acetate	6.351	43	1069341	104.394	ug/l	99
24) 1,1-Dichloroethane	6.304	63	148011	19.830	ug/l	97
25) 2-Butanone	7.263	43	387222	100.142	ug/l	99
26) 2,2-Dichloropropane	7.251	77	118171	19.636	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	94915	19.923	ug/l	96
28) Bromochloromethane	7.586	49	63110	20.056	ug/l	99
29) Tetrahydrofuran	7.616	42	248981	101.883	ug/l	99
30) Chloroform	7.745	83	153023	19.368	ug/l	100
31) Cyclohexane	8.028	56	135275	19.713	ug/l	98
32) 1,1,1-Trichloroethane	7.939	97	130665	19.926	ug/l	99
36) 1,1-Dichloropropene	8.151	75	108419	19.429	ug/l	99
37) Ethyl Acetate	7.339	43	139357	19.795	ug/l	97
38) Carbon Tetrachloride	8.133	117	109808	19.635	ug/l	97
39) Methylcyclohexane	9.398	83	133393	20.303	ug/l	96
40) Benzene	8.392	78	357281	19.890	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	64234	19.434	ug/l	95
42) 1,2-Dichloroethane	8.469	62	118476	19.302	ug/l	98
43) Isopropyl Acetate	8.498	43	200294	20.312	ug/l	100
44) Trichloroethene	9.151	130	89655	19.802	ug/l	100
45) 1,2-Dichloropropane	9.428	63	87055	19.370	ug/l	100
46) Dibromomethane	9.516	93	62746	20.033	ug/l	97
47) Bromodichloromethane	9.704	83	116995	19.604	ug/l	99
48) Methyl methacrylate	9.498	41	86971	20.428	ug/l	90
49) 1,4-Dioxane	9.510	88	49900	424.469	ug/l	99
51) 4-Methyl-2-Pentanone	10.275	43	723837	103.483	ug/l	99
52) Toluene	10.445	92	226365	20.738	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	119470	20.142	ug/l	97
54) cis-1,3-Dichloropropene	10.133	75	135325	20.347	ug/l	99
55) 1,1,2-Trichloroethane	10.839	97	91581	19.672	ug/l	98
56) Ethyl methacrylate	10.704	69	134001	21.197	ug/l	99
57) 1,3-Dichloropropane	10.986	76	153662	19.811	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	286959	99.321	ug/l	99
59) 2-Hexanone	11.027	43	555665	104.123	ug/l	99
60) Dibromochloromethane	11.180	129	93287	20.133	ug/l	98
61) 1,2-Dibromoethane	11.286	107	92871	19.688	ug/l	99
64) Tetrachloroethene	10.916	164	86820	19.215	ug/l	97
65) Chlorobenzene	11.710	112	236179	19.444	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.780	131	85697	19.940	ug/l	100
67) Ethyl Benzene	11.786	91	411060	20.335	ug/l	99
68) m/p-Xylenes	11.892	106	319265	41.178	ug/l	99
69) o-Xylene	12.221	106	157310	20.908	ug/l	99
70) Styrene	12.233	104	255488	21.225	ug/l	98
71) Bromoform	12.398	173	70645	20.245	ug/l #	99
73) Isopropylbenzene	12.521	105	399978	20.437	ug/l	99
74) N-amyl acetate	12.333	43	148121	20.176	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	140375	18.613	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	125820m	19.938	ug/l	
77) Bromobenzene	12.798	156	98412	19.463	ug/l	99
78) n-propylbenzene	12.863	91	455242	20.967	ug/l	99
79) 2-Chlorotoluene	12.945	91	272244	20.069	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	338488	21.243	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	41194	20.045	ug/l	98
82) 4-Chlorotoluene	13.045	91	262395	20.198	ug/l	97
83) tert-Butylbenzene	13.263	119	297251	21.134	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	333918	21.364	ug/l	98
85) sec-Butylbenzene	13.445	105	405627	20.927	ug/l	100
86) p-Isopropyltoluene	13.557	119	329748	21.526	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	177851	19.553	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	179600	19.353	ug/l	98
89) n-Butylbenzene	13.886	91	255186	20.310	ug/l	98
90) Hexachloroethane	14.151	117	59948	19.075	ug/l	97
91) 1,2-Dichlorobenzene	13.927	146	183022	19.522	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	29103	19.582	ug/l	92
93) 1,2,4-Trichlorobenzene	15.198	180	95902	20.694	ug/l	97
94) Hexachlorobutadiene	15.304	225	48228	19.106	ug/l	100
95) Naphthalene	15.439	128	328016	21.764	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	100824	20.792	ug/l	99

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

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