

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071609.D
 Acq On : 28 Mar 2022 17:10
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 29 08:18:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 08:13:31 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	605071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	950827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	902684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	377950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	679423	90.343	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 180.680%#			
35) Dibromofluoromethane	8.016	113	558923	92.965	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 185.920%#			
50) Toluene-d8	10.433	98	2319561	95.269	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 190.540%#			
62) 4-Bromofluorobenzene	12.727	95	790806	98.816	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 197.640%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	540632	86.351	ug/l	97
3) Chloromethane	2.299	50	601529	76.878	ug/l	100
4) Vinyl Chloride	2.440	62	708380	84.307	ug/l	98
5) Bromomethane	2.822	94	429391	96.303	ug/l	100
6) Chloroethane	2.998	64	471957	82.525	ug/l	99
7) Trichlorofluoromethane	3.363	101	858736	87.857	ug/l	100
8) Diethyl Ether	3.822	74	373471	91.516	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.210	101	520508	88.600	ug/l	98
10) Methyl Iodide	4.422	142	792337	93.786	ug/l	99
11) Tert butyl alcohol	5.363	59	660741	477.939	ug/l	100
12) 1,1-Dichloroethene	4.181	96	511410	88.728	ug/l	96
13) Acrolein	4.034	56	506802	472.311	ug/l	99
14) Allyl chloride	4.840	41	850101	91.414	ug/l	98
15) Acrylonitrile	5.545	53	1778360	469.346	ug/l	100
16) Acetone	4.275	43	1419446	463.824	ug/l	100
17) Carbon Disulfide	4.528	76	1207325	81.445	ug/l	99
18) Methyl Acetate	4.845	43	752316	82.014	ug/l	100
19) Methyl tert-butyl Ether	5.610	73	1919441	92.617	ug/l	97
20) Methylene Chloride	5.092	84	603882	84.405	ug/l	99
21) trans-1,2-Dichloroethene	5.598	96	541435	86.888	ug/l	100
22) Diisopropyl ether	6.487	45	1774528	91.789	ug/l	100
23) Vinyl Acetate	6.428	43	7898423	475.962	ug/l	100
24) 1,1-Dichloroethane	6.386	63	1034077	88.309	ug/l	99
25) 2-Butanone	7.328	43	2346704	477.650	ug/l	98
26) 2,2-Dichloropropane	7.322	77	916757	93.221	ug/l	100
27) cis-1,2-Dichloroethene	7.322	96	675451	90.301	ug/l	99
28) Bromochloromethane	7.651	49	428441	89.593	ug/l	99
29) Tetrahydrofuran	7.675	42	1528031	467.791	ug/l	99
30) Chloroform	7.810	83	1070641	90.749	ug/l	100
31) Cyclohexane	8.092	56	897794	84.270	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	941232	91.780	ug/l	98
36) 1,1-Dichloropropene	8.216	75	789662	91.913	ug/l	99
37) Ethyl Acetate	7.404	43	905242	97.033	ug/l	99
38) Carbon Tetrachloride	8.204	117	796263	94.485	ug/l	99
39) Methylcyclohexane	9.457	83	1002120	95.328	ug/l	99
40) Benzene	8.457	78	2427863	90.676	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	454088	101.408	ug/l	97
42) 1,2-Dichloroethane	8.528	62	848512	90.973	ug/l	99
43) Isopropyl Acetate	8.551	43	1495260	93.403	ug/l	98
44) Trichloroethene	9.210	130	642017	92.222	ug/l	99
45) 1,2-Dichloropropane	9.486	63	615047	92.674	ug/l	98
46) Dibromomethane	9.569	93	422621	93.379	ug/l	99
47) Bromodichloromethane	9.757	83	856529	96.371	ug/l	99
48) Methyl methacrylate	9.551	41	696326	102.942	ug/l	99
49) 1,4-Dioxane	9.563	88	297942	1931.685	ug/l	98
51) 4-Methyl-2-Pentanone	10.327	43	4699963	501.262	ug/l	99
52) Toluene	10.498	92	1608227	95.839	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	975151	102.400	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	1037664	98.685	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	644586	94.402	ug/l	98
56) Ethyl methacrylate	10.757	69	1070166	104.428	ug/l	98
57) 1,3-Dichloropropane	11.039	76	1082360	94.526	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	1574561	618.537	ug/l	100
59) 2-Hexanone	11.080	43	3448830	510.651	ug/l	99
60) Dibromochloromethane	11.233	129	690746	100.148	ug/l	100
61) 1,2-Dibromoethane	11.339	107	676458	98.464	ug/l	99
64) Tetrachloroethene	10.974	164	560942	89.492	ug/l	96
65) Chlorobenzene	11.763	112	1771815	92.284	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	652024	95.596	ug/l	99
67) Ethyl Benzene	11.839	91	3158419	95.726	ug/l	100
68) m/p-Xylenes	11.945	106	2433350	193.023	ug/l	100
69) o-Xylene	12.274	106	1219143	97.171	ug/l	99
70) Styrene	12.292	104	1984016	101.334	ug/l	99
71) Bromoform	12.451	173	556712	103.914	ug/l #	100
73) Isopropylbenzene	12.574	105	3110369	93.499	ug/l	99
74) N-amyl acetate	12.380	43	1029664	96.903	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	967418	85.406	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	865963m	101.062	ug/l	
77) Bromobenzene	12.857	156	755974	90.994	ug/l	98
78) n-propylbenzene	12.916	91	3464567	97.962	ug/l	100
79) 2-Chlorotoluene	13.004	91	2066369	90.580	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	2461738	93.774	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	329420	104.624	ug/l	95
82) 4-Chlorotoluene	13.098	91	1974222	93.930	ug/l	100
83) tert-Butylbenzene	13.315	119	2288932	96.291	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	2408201	95.053	ug/l	100
85) sec-Butylbenzene	13.498	105	3096770	98.383	ug/l	100
86) p-Isopropyltoluene	13.610	119	2546776	101.633	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	1260121	93.437	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	1212202	91.009	ug/l	99
89) n-Butylbenzene	13.939	91	1953575	101.592	ug/l	99
90) Hexachloroethane	14.204	117	471293	96.575	ug/l	99
91) 1,2-Dichlorobenzene	13.980	146	1191778	91.912	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	191782	97.952	ug/l	99
93) 1,2,4-Trichlorobenzene	15.257	180	629604	104.767	ug/l	100
94) Hexachlorobutadiene	15.362	225	329645	90.525	ug/l	99
95) Naphthalene	15.498	128	1872216	113.957	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	623448	105.036	ug/l	99

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

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