

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
 Data File : VN071532.D
 Acq On : 24 Mar 2022 20:46
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 25 09:34:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:31:19 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/25/2022
 Supervised By : Mahesh Dadoda 03/28/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	646055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1039585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	975694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	415815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	834887	112.717	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 225.440%#			
35) Dibromofluoromethane	8.016	113	681540	110.818	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 221.640%#			
50) Toluene-d8	10.439	98	2769213	112.115	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 224.220%#			
62) 4-Bromofluorobenzene	12.727	95	960665	110.525	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 221.060%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	696604	104.076	ug/l	98
3) Chloromethane	2.299	50	783312	93.522	ug/l	98
4) Vinyl Chloride	2.440	62	930710	108.867	ug/l	99
5) Bromomethane	2.816	94	349452	71.376	ug/l	99
6) Chloroethane	2.987	64	574411	102.152	ug/l	96
7) Trichlorofluoromethane	3.357	101	1062985	100.561	ug/l	100
8) Diethyl Ether	3.816	74	449773	98.446	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.204	101	625945	96.985	ug/l	98
10) Methyl Iodide	4.416	142	973479	108.783	ug/l	99
11) Tert butyl alcohol	5.363	59	817547	599.416	ug/l	100
12) 1,1-Dichloroethene	4.175	96	644821	101.964	ug/l	99
13) Acrolein	4.034	56	582705	483.836	ug/l	99
14) Allyl chloride	4.834	41	1051918	89.518	ug/l	99
15) Acrylonitrile	5.546	53	2100978	529.449	ug/l	100
16) Acetone	4.281	43	1656023	419.756	ug/l	99
17) Carbon Disulfide	4.528	76	1693043	94.906	ug/l	100
18) Methyl Acetate	4.846	43	898099	91.804	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	2298287	104.300	ug/l	99
20) Methylene Chloride	5.087	84	746048	101.049	ug/l	99
21) trans-1,2-Dichloroethene	5.593	96	691449	102.274	ug/l	99
22) Diisopropyl ether	6.493	45	2163754	95.426	ug/l	97
23) Vinyl Acetate	6.428	43	9633291	501.000	ug/l	100
24) 1,1-Dichloroethane	6.381	63	1287782	100.021	ug/l	99
25) 2-Butanone	7.328	43	2782900	519.409	ug/l	100
26) 2,2-Dichloropropane	7.322	77	1088894	101.789	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	833359	106.759	ug/l	99
28) Bromochloromethane	7.651	49	539539	104.043	ug/l	99
29) Tetrahydrofuran	7.675	42	1809074	517.566	ug/l	100
30) Chloroform	7.816	83	1296164	101.956	ug/l	100
31) Cyclohexane	8.092	56	1155024	92.492	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	1144093	104.380	ug/l	98
36) 1,1-Dichloropropene	8.216	75	990568	99.116	ug/l	100
37) Ethyl Acetate	7.404	43	1081893	100.332	ug/l	99
38) Carbon Tetrachloride	8.204	117	973730	99.006	ug/l	99
39) Methylcyclohexane	9.457	83	1277437	99.622	ug/l	100
40) Benzene	8.457	78	3000481	100.787	ug/l	100

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41) Methacrylonitrile	7.628	41	531708	96.678	ug/l	97
42) 1,2-Dichloroethane	8.528	62	1037274	101.695	ug/l	99
43) Isopropyl Acetate	8.557	43	1723603	102.228	ug/l	100
44) Trichloroethene	9.210	130	798440	101.971	ug/l	98
45) 1,2-Dichloropropane	9.486	63	750031	98.968	ug/l	99
46) Dibromomethane	9.575	93	509759	101.608	ug/l	100
47) Bromodichloromethane	9.757	83	1037223	102.334	ug/l	100
48) Methyl methacrylate	9.557	41	827063	103.712	ug/l	99
49) 1,4-Dioxane	9.563	88	373356	2509.455	ug/l	99
51) 4-Methyl-2-Pentanone	10.328	43	5596806	539.943	ug/l	99
52) Toluene	10.498	92	1954655	104.578	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	1173605	106.996	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	1268314	105.402	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	764817	104.162	ug/l	98
56) Ethyl methacrylate	10.757	69	1292054	116.754	ug/l	99
57) 1,3-Dichloropropane	11.039	76	1303459	103.037	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.034	63	1866875	894.857	ug/l	99
59) 2-Hexanone	11.080	43	4085322	570.171	ug/l	99
60) Dibromochloromethane	11.233	129	826814	107.565	ug/l	99
61) 1,2-Dibromoethane	11.339	107	806613	107.851	ug/l	100
64) Tetrachloroethene	10.975	164	674537	90.529	ug/l	97
65) Chlorobenzene	11.769	112	2131220	101.987	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	778164	102.535	ug/l	100
67) Ethyl Benzene	11.839	91	3837175	105.162	ug/l	98
68) m/p-Xylenes	11.951	106	2978346	211.720	ug/l	100
69) o-Xylene	12.275	106	1487742	107.880	ug/l	99
70) Styrene	12.292	104	2431925	111.473	ug/l	100
71) Bromoform	12.457	173	651468	107.854	ug/l #	99
73) Isopropylbenzene	12.575	105	3773052	111.287	ug/l	99
74) N-amyl acetate	12.380	43	1250453	115.801	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.822	83	1130174	103.760	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	885217m	93.068	ug/l	
77) Bromobenzene	12.857	156	899550	108.629	ug/l	99
78) n-propylbenzene	12.916	91	4238272	111.922	ug/l	100
79) 2-Chlorotoluene	13.004	91	2519194	109.181	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	3012345	110.246	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	382478	123.002	ug/l	97
82) 4-Chlorotoluene	13.098	91	2426353	109.191	ug/l	100
83) tert-Butylbenzene	13.316	119	2764320	107.031	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	2968646	110.372	ug/l	100
85) sec-Butylbenzene	13.498	105	3761778	110.524	ug/l	100
86) p-Isopropyltoluene	13.610	119	3085373	110.915	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	1513760	104.485	ug/l	100
88) 1,4-Dichlorobenzene	13.692	146	1453329	102.310	ug/l	99
89) n-Butylbenzene	13.939	91	2393622	106.852	ug/l	100
90) Hexachloroethane	14.210	117	554155	110.820	ug/l	100
91) 1,2-Dichlorobenzene	13.986	146	1415733	103.645	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	226105	127.257	ug/l	98
93) 1,2,4-Trichlorobenzene	15.257	180	740442	111.524	ug/l	99
94) Hexachlorobutadiene	15.368	225	370529	77.053	ug/l	98
95) Naphthalene	15.498	128	2267456	155.980	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	741945	121.554	ug/l	100

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

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