

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070896.D
 Acq On : 2 Feb 2022 16:36
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN020222

Quant Time: Feb 03 05:57:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/03/2022
 Supervised By : Mahesh Dadoda 02/04/2022

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	783479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1264524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1176212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	507268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	502570	47.389	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.780%		
35) Dibromofluoromethane	8.021	113	373391	49.291	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.580%		
50) Toluene-d8	10.440	98	1517600	48.793	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.580%		
62) 4-Bromofluorobenzene	12.731	95	567984	50.681	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	438427	50.433	ug/l	99
3) Chloromethane	2.303	50	556067	50.644	ug/l	98
4) Vinyl Chloride	2.448	62	353842	38.576	ug/l	98
5) Bromomethane	2.842	94	222020	47.324	ug/l	97
6) Chloroethane	3.014	64	211019	50.726	ug/l	98
7) Trichlorofluoromethane	3.373	101	624830	60.999	ug/l	98
8) Diethyl Ether	3.824	74	301518	50.754	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.205	101	396555	51.308	ug/l	96
10) Methyl Iodide	4.417	142	561404	49.227	ug/l	98
11) Tert butyl alcohol	5.382	59	537095	241.018	ug/l	98
12) 1,1-Dichloroethene	4.178	96	388515	49.206	ug/l	94
13) Acrolein	4.038	56	555540	226.436	ug/l	100
14) Allyl chloride	4.838	41	901353	50.112	ug/l	85
15) Acrylonitrile	5.554	53	1544679	248.215	ug/l	99
16) Acetone	4.285	43	1528961	241.109	ug/l	97
17) Carbon Disulfide	4.527	76	1179900	48.117	ug/l	99
18) Methyl Acetate	4.856	43	714238	49.401	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	1549187	51.390	ug/l	97
20) Methylene Chloride	5.092	84	468395	48.640	ug/l	87
21) trans-1,2-Dichloroethene	5.594	96	414574	49.246	ug/l	87
22) Diisopropyl ether	6.498	45	1760066	50.518	ug/l	92
23) Vinyl Acetate	6.433	43	7949477	257.961	ug/l	95
24) 1,1-Dichloroethane	6.385	63	861925	49.134	ug/l	98
25) 2-Butanone	7.335	43	2241191	244.847	ug/l	93
26) 2,2-Dichloropropane	7.324	77	681033	49.433	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	491793	49.463	ug/l	88
28) Bromochloromethane	7.656	49	377748	49.348	ug/l #	78
29) Tetrahydrofuran	7.686	42	1453801	244.516	ug/l	89
30) Chloroform	7.817	83	819323	49.095	ug/l	100
31) Cyclohexane	8.094	56	864314	47.967	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	693758	49.250	ug/l	98
36) 1,1-Dichloropropene	8.220	75	626042	50.871	ug/l	97
37) Ethyl Acetate	7.412	43	865590	51.034	ug/l	98
38) Carbon Tetrachloride	8.204	117	573988	51.073	ug/l	99
39) Methylcyclohexane	9.459	83	824316	54.488	ug/l	89
40) Benzene	8.458	78	1931816	49.966	ug/l	100

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41) Methacrylonitrile	7.635	41	430240	50.486	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	675853	51.348	ug/l	100
43) Isopropyl Acetate	8.560	43	1369175	48.020	ug/l	96
44) Trichloroethene	9.215	130	451687	50.488	ug/l	93
45) 1,2-Dichloropropane	9.488	63	532070	51.392	ug/l	100
46) Dibromomethane	9.577	93	320884	51.738	ug/l	96
47) Bromodichloromethane	9.762	83	651118	52.120	ug/l	99
48) Methyl methacrylate	9.561	41	666706	54.233	ug/l #	79
49) 1,4-Dioxane	9.569	88	208736	1013.593	ug/l #	85
51) 4-Methyl-2-Pentanone	10.330	43	4315812	257.158	ug/l	99
52) Toluene	10.505	92	1192547	49.782	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	753029	53.411	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	818458	53.375	ug/l	99
55) 1,1,2-Trichloroethane	10.896	97	467667	51.404	ug/l	97
56) Ethyl methacrylate	10.759	69	845401	53.350	ug/l	89
57) 1,3-Dichloropropane	11.044	76	836904	52.546	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	993443	232.980	ug/l	91
59) 2-Hexanone	11.084	43	3185147	259.942	ug/l	98
60) Dibromochloromethane	11.237	129	474765	52.614	ug/l	100
61) 1,2-Dibromoethane	11.344	107	484471	51.777	ug/l	100
64) Tetrachloroethene	10.977	164	393754	51.147	ug/l	97
65) Chlorobenzene	11.768	112	1235512	50.188	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	443261	51.589	ug/l	99
67) Ethyl Benzene	11.843	91	2320621	51.711	ug/l	97
68) m/p-Xylenes	11.950	106	1723733	103.667	ug/l	94
69) o-Xylene	12.280	106	853684	51.299	ug/l	93
70) Styrene	12.294	104	1416732	54.016	ug/l	96
71) Bromoform	12.457	173	367636	51.822	ug/l #	99
73) Isopropylbenzene	12.578	105	2218935	50.135	ug/l	98
74) N-amyl acetate	12.387	43	1046673	52.804	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.825	83	750222	48.937	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	607274m	49.736	ug/l	
77) Bromobenzene	12.859	156	521081	49.112	ug/l	79
78) n-propylbenzene	12.918	91	2597456	51.462	ug/l	96
79) 2-Chlorotoluene	13.007	91	1569894	50.020	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	1840777	51.307	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	240259	53.339	ug/l	91
82) 4-Chlorotoluene	13.104	91	1540046	50.913	ug/l	92
83) tert-Butylbenzene	13.321	119	1580330	50.506	ug/l	95
84) 1,2,4-Trimethylbenzene	13.366	105	1805311	51.455	ug/l	98
85) sec-Butylbenzene	13.500	105	2264550	51.729	ug/l	97
86) p-Isopropyltoluene	13.616	119	1823864	52.833	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	898804	50.926	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	878730	49.774	ug/l	98
89) n-Butylbenzene	13.940	91	1589151	52.236	ug/l	97
90) Hexachloroethane	14.208	117	319264	52.184	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	847336	50.044	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	137374	49.451	ug/l	84
93) 1,2,4-Trichlorobenzene	15.262	180	483233	51.575	ug/l	98
94) Hexachlorobutadiene	15.367	225	288533	51.025	ug/l	99
95) Naphthalene	15.504	128	1321703	49.710	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	461536	51.593	ug/l	98

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

