

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
 Data File : VN071795.D
 Acq On : 02 Apr 2022 08:59
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Apr 02 09:30:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	532564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	851450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	781413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	304676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	314075	51.658	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.320%			
35) Dibromofluoromethane	8.016	113	264818	52.855	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.700%			
50) Toluene-d8	10.439	98	1074040	52.403	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.800%			
62) 4-Bromofluorobenzene	12.727	95	343497	51.820	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.640%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	194295	45.890	ug/l	99
3) Chloromethane	2.299	50	235457	43.887	ug/l	96
4) Vinyl Chloride	2.440	62	257261	43.664	ug/l	97
5) Bromomethane	2.834	94	142813	37.288	ug/l	97
6) Chloroethane	3.004	64	172309	40.653	ug/l	96
7) Trichlorofluoromethane	3.369	101	341952	45.618	ug/l	98
8) Diethyl Ether	3.822	74	155283	49.017	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.210	101	210258	45.517	ug/l	99
10) Methyl Iodide	4.422	142	250042	38.723	ug/l	99
11) Tert butyl alcohol	5.369	59	252337	255.749	ug/l	99
12) 1,1-Dichloroethene	4.181	96	208331	47.393	ug/l	99
13) Acrolein	4.040	56	380886	316.604	ug/l	99
14) Allyl chloride	4.840	41	329585	46.194	ug/l	94
15) Acrylonitrile	5.551	53	774730	270.140	ug/l	99
16) Acetone	4.287	43	595790	229.300	ug/l	97
17) Carbon Disulfide	4.534	76	430977	42.731	ug/l	100
18) Methyl Acetate	4.851	43	324759	50.488	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	803333	49.192	ug/l	96
20) Methylene Chloride	5.098	84	262155	47.868	ug/l	99
21) trans-1,2-Dichloroethene	5.598	96	222979	46.207	ug/l	99
22) Diisopropyl ether	6.492	45	780058	50.221	ug/l	99
23) Vinyl Acetate	6.428	43	3248685	263.017	ug/l	99
24) 1,1-Dichloroethane	6.386	63	448664	49.205	ug/l	99
25) 2-Butanone	7.328	43	957357	255.583	ug/l	99
26) 2,2-Dichloropropane	7.322	77	244113	31.164	ug/l	97
27) cis-1,2-Dichloroethene	7.328	96	285474	48.242	ug/l	95
28) Bromochloromethane	7.657	49	186075	50.588	ug/l	100
29) Tetrahydrofuran	7.681	42	648757	267.481	ug/l	100
30) Chloroform	7.816	83	467762	48.583	ug/l	98
31) Cyclohexane	8.092	56	361494	43.721	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	392066	47.599	ug/l	99
36) 1,1-Dichloropropene	8.216	75	318960	45.587	ug/l	99
37) Ethyl Acetate	7.410	43	382088	49.893	ug/l	99
38) Carbon Tetrachloride	8.204	117	322462	47.026	ug/l	98
39) Methylcyclohexane	9.457	83	376711	45.231	ug/l	98
40) Benzene	8.457	78	1054224	47.698	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	201520	53.743	ug/l	92
42) 1,2-Dichloroethane	8.528	62	358149	46.843	ug/l	98
43) Isopropyl Acetate	8.557	43	576378	45.249	ug/l	97
44) Trichloroethene	9.216	130	264779	46.500	ug/l	97
45) 1,2-Dichloropropane	9.486	63	270250	48.945	ug/l	100
46) Dibromomethane	9.575	93	183550	48.961	ug/l	99
47) Bromodichloromethane	9.757	83	370145	50.157	ug/l	99
48) Methyl methacrylate	9.557	41	282117	53.384	ug/l	96
49) 1,4-Dioxane	9.563	88	121143	965.790	ug/l	98
51) 4-Methyl-2-Pentanone	10.327	43	1965520	268.385	ug/l	98
52) Toluene	10.504	92	690374	49.413	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	369539	47.779	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	403934	47.267	ug/l	96
55) 1,1,2-Trichloroethane	10.898	97	285756	49.696	ug/l	98
56) Ethyl methacrylate	10.757	69	445821	54.349	ug/l	95
57) 1,3-Dichloropropane	11.039	76	479271	49.852	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	477373	193.169	ug/l	99
59) 2-Hexanone	11.080	43	1402008	271.911	ug/l	97
60) Dibromochloromethane	11.233	129	292904	52.242	ug/l	100
61) 1,2-Dibromoethane	11.345	107	287162	50.734	ug/l	99
64) Tetrachloroethene	10.974	164	228479	44.279	ug/l	99
65) Chlorobenzene	11.768	112	736997	47.102	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	272816	48.320	ug/l	100
67) Ethyl Benzene	11.839	91	1304152	49.236	ug/l	100
68) m/p-Xylenes	11.951	106	991728	97.446	ug/l	100
69) o-Xylene	12.274	106	496389	49.140	ug/l	100
70) Styrene	12.292	104	796657	52.051	ug/l	99
71) Bromoform	12.457	173	225180	52.372	ug/l #	99
73) Isopropylbenzene	12.574	105	1281240	49.904	ug/l	99
74) N-amyl acetate	12.386	43	388425	52.803	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.821	83	424370	49.539	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	319666m	45.291	ug/l	
77) Bromobenzene	12.857	156	300942	46.758	ug/l	98
78) n-propylbenzene	12.915	91	1359298	50.331	ug/l	100
79) 2-Chlorotoluene	13.004	91	850095	49.082	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	1029737	50.621	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	100417	44.090	ug/l	98
82) 4-Chlorotoluene	13.098	91	784761	48.882	ug/l	99
83) tert-Butylbenzene	13.321	119	916540	49.290	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	999128	50.340	ug/l	100
85) sec-Butylbenzene	13.498	105	1219376	50.587	ug/l	100
86) p-Isopropyltoluene	13.610	119	981840	51.085	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	489439	47.733	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	468280	46.812	ug/l	99
89) n-Butylbenzene	13.939	91	691733	48.526	ug/l	99
90) Hexachloroethane	14.210	117	176554	50.182	ug/l	99
91) 1,2-Dichlorobenzene	13.986	146	479752	47.659	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	71610	53.893	ug/l	99
93) 1,2,4-Trichlorobenzene	15.256	180	215315	44.638	ug/l	99
94) Hexachlorobutadiene	15.368	225	124843	42.051	ug/l	100
95) Naphthalene	15.504	128	619144	45.034	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	213239	45.620	ug/l	99

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

