

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061722\
 Data File : VN072916.D
 Acq On : 17 Jun 2022 17:53
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/20/2022
 Supervised By :Mahesh Dadoda 06/20/2022

Quant Time: Jun 18 05:45:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 05:42:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	305835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	520573	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	465100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	212847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	206760	39.263	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	78.520%		
35) Dibromofluoromethane	7.951	113	163993	37.474	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	74.940%#		
50) Toluene-d8	10.374	98	618201	36.108	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	72.220%#		
62) 4-Bromofluorobenzene	12.668	95	222599	37.793	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	75.580%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	153107	38.225	ug/l	99
3) Chloromethane	2.263	50	152020	33.388	ug/l	99
4) Vinyl Chloride	2.404	62	134029	37.852	ug/l	95
5) Bromomethane	2.787	94	56181	41.658	ug/l	96
6) Chloroethane	2.951	64	81750	38.871	ug/l	99
7) Trichlorofluoromethane	3.304	101	197190	30.175	ug/l	97
8) Diethyl Ether	3.763	74	111419	39.242	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.134	101	146432	38.124	ug/l	99
10) Methyl Iodide	4.351	142	169689	36.665	ug/l	97
11) Tert butyl alcohol	5.304	59	272511	196.673	ug/l	99
12) 1,1-Dichloroethene	4.110	96	148075	36.667	ug/l	97
13) Acrolein	3.981	56	105502	230.215	ug/l	98
14) Allyl chloride	4.757	41	310497	37.870	ug/l #	93
15) Acrylonitrile	5.475	53	623931	205.224	ug/l	100
16) Acetone	4.228	43	552274	202.858	ug/l	95
17) Carbon Disulfide	4.457	76	370914	34.261	ug/l	99
18) Methyl Acetate	4.781	43	288631	37.130	ug/l	92
19) Methyl tert-butyl Ether	5.534	73	567035	38.436	ug/l	99
20) Methylene Chloride	5.016	84	179095	37.138	ug/l	92
21) trans-1,2-Dichloroethene	5.510	96	157280	36.761	ug/l	95
22) Diisopropyl ether	6.416	45	602086	39.663	ug/l	97
23) Vinyl Acetate	6.351	43	2798761	203.028	ug/l #	93
24) 1,1-Dichloroethane	6.310	63	309225	38.976	ug/l	98
25) 2-Butanone	7.263	43	911573	209.819	ug/l	91
26) 2,2-Dichloropropane	7.251	77	265099	36.915	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	188897	36.462	ug/l	95
28) Bromochloromethane	7.586	49	131775	38.536	ug/l	90
29) Tetrahydrofuran	7.610	42	598385	208.308	ug/l	89
30) Chloroform	7.745	83	315133	38.413	ug/l	97
31) Cyclohexane	8.022	56	263539	37.116	ug/l	95
32) 1,1,1-Trichloroethane	7.939	97	277959	38.522	ug/l	99
36) 1,1-Dichloropropene	8.151	75	220610	36.248	ug/l	99
37) Ethyl Acetate	7.345	43	349360	39.673	ug/l	96
38) Carbon Tetrachloride	8.133	117	233405	35.761	ug/l	98
39) Methylcyclohexane	9.392	83	270693	35.877	ug/l	96
40) Benzene	8.392	78	700067	36.137	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	163836	35.788	ug/l	91
42) 1,2-Dichloroethane	8.463	62	251723	36.083	ug/l	100
43) Isopropyl Acetate	8.492	43	520841	37.927	ug/l	95
44) Trichloroethene	9.151	130	173955	33.755	ug/l	98
45) 1,2-Dichloropropane	9.427	63	178233	36.408	ug/l	99
46) Dibromomethane	9.510	93	121884	36.027	ug/l	97
47) Bromodichloromethane	9.698	83	245443	35.874	ug/l	95
48) Methyl methacrylate	9.492	41	234806	37.538	ug/l	91
49) 1,4-Dioxane	9.504	88	104216	784.204	ug/l #	93
51) 4-Methyl-2-Pentanone	10.269	43	1695400	190.413	ug/l	92
52) Toluene	10.439	92	435022	34.851	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	274943	35.354	ug/l	100
54) cis-1,3-Dichloropropene	10.122	75	291341	36.056	ug/l #	90
55) 1,1,2-Trichloroethane	10.833	97	181262	35.855	ug/l	98
56) Ethyl methacrylate	10.698	69	314802	36.808	ug/l	88
57) 1,3-Dichloropropane	10.980	76	307558	35.738	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	726792	233.707	ug/l	97
59) 2-Hexanone	11.021	43	1318212	199.619	ug/l	91
60) Dibromochloromethane	11.174	129	191936	35.658	ug/l	99
61) 1,2-Dibromoethane	11.280	107	189712	34.714	ug/l	98
64) Tetrachloroethene	10.910	164	140595	33.442	ug/l	95
65) Chlorobenzene	11.704	112	464275	39.691	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	177239	39.233	ug/l	99
67) Ethyl Benzene	11.780	91	833116	40.245	ug/l	98
68) m/p-Xylenes	11.886	106	642537	80.692	ug/l	99
69) o-Xylene	12.216	106	319812	39.168	ug/l	97
70) Styrene	12.227	104	527331	41.708	ug/l	99
71) Bromoform	12.392	173	143221	39.602	ug/l #	100
73) Isopropylbenzene	12.515	105	824272	41.521	ug/l	100
74) N-amyl acetate	12.327	43	433149	50.121	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	290375	44.443	ug/l	100
76) 1,2,3-Trichloropropane	12.815	75	230739m	37.907	ug/l	
77) Bromobenzene	12.798	156	198935	42.859	ug/l	92
78) n-propylbenzene	12.857	91	938700	45.274	ug/l	99
79) 2-Chlorotoluene	12.945	91	579118	43.052	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	693357	43.422	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	100952	46.437	ug/l	97
82) 4-Chlorotoluene	13.039	91	562766	45.042	ug/l	97
83) tert-Butylbenzene	13.257	119	629341	43.857	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	684086	44.537	ug/l	98
85) sec-Butylbenzene	13.439	105	849795	45.813	ug/l	99
86) p-Isopropyltoluene	13.551	119	704189	46.922	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	347572	45.570	ug/l	100
88) 1,4-Dichlorobenzene	13.627	146	351559	45.541	ug/l	99
89) n-Butylbenzene	13.874	91	583941	50.298	ug/l	99
90) Hexachloroethane	14.145	117	130830	40.852	ug/l	90
91) 1,2-Dichlorobenzene	13.921	146	361452	46.623	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	75732	46.729	ug/l	93
93) 1,2,4-Trichlorobenzene	15.192	180	206137	52.560	ug/l	98
94) Hexachlorobutadiene	15.298	225	88809	46.031	ug/l	98
95) Naphthalene	15.427	128	793174	57.718	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	209146	53.559	ug/l	97

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

