

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081622\
 Data File : VN073963.D
 Acq On : 16 Aug 2022 21:07
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/17/2022
 Supervised By : Mahesh Dadoda 08/17/2022

Quant Time: Aug 17 01:24:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	648668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	1004770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	913557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	468608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	349275	55.283	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.560%			
35) Dibromofluoromethane	7.951	113	313550	52.768	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.540%			
50) Toluene-d8	10.380	98	1196703	52.001	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.000%			
62) 4-Bromofluorobenzene	12.674	95	427640	55.991	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	277886	54.027	ug/l	100
3) Chloromethane	2.269	50	285572	49.928	ug/l	98
4) Vinyl Chloride	2.404	62	348313	47.437	ug/l	97
5) Bromomethane	2.787	94	119564	26.076	ug/l	98
6) Chloroethane	2.957	64	227051	43.771	ug/l	96
7) Trichlorofluoromethane	3.310	101	508245	53.658	ug/l	100
8) Diethyl Ether	3.763	74	184104	52.361	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.134	101	270279	49.121	ug/l	93
10) Methyl Iodide	4.345	142	182232	27.587	ug/l	98
11) Tert butyl alcohol	5.292	59	392812	277.952	ug/l	99
12) 1,1-Dichloroethene	4.110	96	258551	50.503	ug/l	94
13) Acrolein	3.975	56	310356	313.742	ug/l	97
14) Allyl chloride	4.757	41	390846	51.549	ug/l	98
15) Acrylonitrile	5.475	53	940415	272.560	ug/l	100
16) Acetone	4.222	43	799436	268.199	ug/l	98
17) Carbon Disulfide	4.451	76	606148	49.795	ug/l	99
18) Methyl Acetate	4.775	43	450512	61.035	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	989154	53.647	ug/l	99
20) Methylene Chloride	5.010	84	306185	48.679	ug/l	96
21) trans-1,2-Dichloroethene	5.510	96	282404	50.070	ug/l	93
22) Diisopropyl ether	6.416	45	875682	54.472	ug/l	96
23) Vinyl Acetate	6.351	43	3838381	278.623	ug/l	99
24) 1,1-Dichloroethane	6.310	63	518700	51.836	ug/l	100
25) 2-Butanone	7.263	43	1290676	273.084	ug/l	99
26) 2,2-Dichloropropane	7.251	77	292012	31.061	ug/l	96
27) cis-1,2-Dichloroethene	7.251	96	352783	50.695	ug/l	91
28) Bromochloromethane	7.586	49	195178	52.884	ug/l	86
29) Tetrahydrofuran	7.610	42	840431	277.203	ug/l	96
30) Chloroform	7.745	83	562335	50.257	ug/l	100
31) Cyclohexane	8.022	56	448076	50.874	ug/l	96
32) 1,1,1-Trichloroethane	7.945	97	502812	50.673	ug/l	96
36) 1,1-Dichloropropene	8.151	75	393966	47.734	ug/l	98
37) Ethyl Acetate	7.339	43	504904	50.496	ug/l	99
38) Carbon Tetrachloride	8.133	117	441251	46.773	ug/l	99
39) Methylcyclohexane	9.398	83	505239	48.855	ug/l	95
40) Benzene	8.392	78	1250122	47.991	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	238654	52.815	ug/l	94
42) 1,2-Dichloroethane	8.463	62	427442	47.723	ug/l	98
43) Isopropyl Acetate	8.498	43	762755	53.548	ug/l	99
44) Trichloroethene	9.151	130	344034	45.727	ug/l	99
45) 1,2-Dichloropropane	9.427	63	312979	50.128	ug/l	100
46) Dibromomethane	9.516	93	226975	47.815	ug/l	93
47) Bromodichloromethane	9.704	83	436553	48.116	ug/l	95
48) Methyl methacrylate	9.498	41	324940	53.313	ug/l	92
49) 1,4-Dioxane	9.504	88	175838	970.140	ug/l	97
51) 4-Methyl-2-Pentanone	10.274	43	2514817	261.129	ug/l	98
52) Toluene	10.445	92	837458	46.885	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	458478	48.156	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	491542	47.187	ug/l	96
55) 1,1,2-Trichloroethane	10.839	97	342445	49.285	ug/l	99
56) Ethyl methacrylate	10.704	69	558342	56.341	ug/l	93
57) 1,3-Dichloropropane	10.986	76	563561	49.884	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	1218371	263.422	ug/l	96
59) 2-Hexanone	11.027	43	1965042	265.125	ug/l	98
60) Dibromochloromethane	11.180	129	378132	49.211	ug/l	100
61) 1,2-Dibromoethane	11.286	107	365915	49.237	ug/l	99
64) Tetrachloroethene	10.916	164	313799	43.520	ug/l	98
65) Chlorobenzene	11.710	112	926702	47.730	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.786	131	352593	47.958	ug/l	98
67) Ethyl Benzene	11.786	91	1635762	50.661	ug/l	97
68) m/p-Xylenes	11.892	106	1284740	97.929	ug/l	99
69) o-Xylene	12.221	106	649512	49.370	ug/l	97
70) Styrene	12.233	104	1057035	51.321	ug/l	98
71) Bromoform	12.398	173	312097	47.546	ug/l	99
73) Isopropylbenzene	12.521	105	1652171	48.419	ug/l	99
74) N-amyl acetate	12.333	43	645038	50.004	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.768	83	551936	48.201	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	407993m	41.889	ug/l	
77) Bromobenzene	12.798	156	426855	46.215	ug/l	92
78) n-propylbenzene	12.862	91	1831346	50.349	ug/l	98
79) 2-Chlorotoluene	12.945	91	1096351	48.368	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	1434860	51.698	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.568	75	150303	43.890	ug/l	94
82) 4-Chlorotoluene	13.045	91	1065951	49.513	ug/l	97
83) tert-Butylbenzene	13.262	119	1293450	50.643	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	1430595	51.616	ug/l	99
85) sec-Butylbenzene	13.439	105	1721537	52.000	ug/l	98
86) p-Isopropyltoluene	13.557	119	1495173	53.013	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	764409	47.723	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	763251	47.019	ug/l	98
89) n-Butylbenzene	13.880	91	1165947	52.192	ug/l	99
90) Hexachloroethane	14.151	117	241107	46.768	ug/l	88
91) 1,2-Dichlorobenzene	13.927	146	776911	46.971	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	132167	48.885	ug/l	86
93) 1,2,4-Trichlorobenzene	15.198	180	513387	50.997	ug/l	99
94) Hexachlorobutadiene	15.304	225	242094	45.621	ug/l	98
95) Naphthalene	15.433	128	1777574	54.162	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	522072	50.174	ug/l	98

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

