

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081322\
 Data File : VN073867.D
 Acq On : 13 Aug 2022 12:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 14 02:33:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/15/2022
 Supervised By : Mahesh Dadoda 08/16/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	514643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	727305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	671848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	356730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	275054	43.856	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.720%		
35) Dibromofluoromethane	7.945	113	245844	53.830	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.660%		
50) Toluene-d8	10.380	98	903138	50.253	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.500%		
62) 4-Bromofluorobenzene	12.668	95	334914	52.916	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	250790	50.242	ug/l	99
3) Chloromethane	2.269	50	252791	41.721	ug/l	95
4) Vinyl Chloride	2.404	62	337791	38.692	ug/l	100
5) Bromomethane	2.781	94	189764	37.479	ug/l	99
6) Chloroethane	2.946	64	228364	44.619	ug/l	100
7) Trichlorofluoromethane	3.304	101	438943	48.786	ug/l	99
8) Diethyl Ether	3.763	74	164843	48.794	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.134	101	256563	51.540	ug/l	93
10) Methyl Iodide	4.345	142	334023	66.005	ug/l	98
11) Tert butyl alcohol	5.287	59	339537	251.026	ug/l	100
12) 1,1-Dichloroethene	4.110	96	235008	48.130	ug/l	94
13) Acrolein	3.981	56	101278	75.527	ug/l	97
14) Allyl chloride	4.757	41	347805	44.553	ug/l	95
15) Acrylonitrile	5.469	53	820621	219.328	ug/l	99
16) Acetone	4.216	43	673941	200.065	ug/l	99
17) Carbon Disulfide	4.451	76	570289	44.049	ug/l	100
18) Methyl Acetate	4.769	43	380686	45.424	ug/l	96
19) Methyl tert-butyl Ether	5.528	73	885594	53.090	ug/l	95
20) Methylene Chloride	5.010	84	282624	51.948	ug/l	95
21) trans-1,2-Dichloroethene	5.510	96	256754	48.576	ug/l	93
22) Diisopropyl ether	6.410	45	770925	45.774	ug/l	96
23) Vinyl Acetate	6.345	43	3407056	241.284	ug/l	98
24) 1,1-Dichloroethane	6.298	63	461188	44.511	ug/l	97
25) 2-Butanone	7.257	43	1111045	212.381	ug/l	96
26) 2,2-Dichloropropane	7.245	77	424983	53.312	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	318980	48.981	ug/l	92
28) Bromochloromethane	7.581	49	173605	39.905	ug/l	83
29) Tetrahydrofuran	7.604	42	709819	214.607	ug/l	94
30) Chloroform	7.745	83	517660	47.952	ug/l	100
31) Cyclohexane	8.022	56	395850	42.394	ug/l	92
32) 1,1,1-Trichloroethane	7.939	97	464706	51.844	ug/l	96
36) 1,1-Dichloropropene	8.151	75	358365	55.056	ug/l	97
37) Ethyl Acetate	7.333	43	438928	51.203	ug/l	99
38) Carbon Tetrachloride	8.133	117	412124	62.340	ug/l	99
39) Methylcyclohexane	9.392	83	482450	62.025	ug/l	94
40) Benzene	8.386	78	1121971	53.081	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	205627	53.011	ug/l	97
42) 1,2-Dichloroethane	8.463	62	397888	55.855	ug/l	99
43) Isopropyl Acetate	8.492	43	652287	56.336	ug/l	97
44) Trichloroethene	9.151	130	328904	61.362	ug/l	94
45) 1,2-Dichloropropane	9.427	63	276938	52.418	ug/l	98
46) Dibromomethane	9.510	93	214689	58.549	ug/l	92
47) Bromodichloromethane	9.698	83	408539	58.050	ug/l	96
48) Methyl methacrylate	9.498	41	288956	57.014	ug/l	89
49) 1,4-Dioxane	9.504	88	159709	1117.894	ug/l	94
51) 4-Methyl-2-Pentanone	10.269	43	2203842	265.379	ug/l	99
52) Toluene	10.439	92	764806	59.238	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	455588	65.528	ug/l	100
54) cis-1,3-Dichloropropene	10.127	75	482461	61.580	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	312705	58.082	ug/l	98
56) Ethyl methacrylate	10.698	69	493812	66.549	ug/l	97
57) 1,3-Dichloropropane	10.986	76	511370	55.983	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	1110067	281.400	ug/l	95
59) 2-Hexanone	11.027	43	1699357	270.090	ug/l	99
60) Dibromochloromethane	11.180	129	365788	68.295	ug/l	99
61) 1,2-Dibromoethane	11.286	107	345855	62.374	ug/l	99
64) Tetrachloroethene	10.916	164	310472	58.148	ug/l	94
65) Chlorobenzene	11.710	112	858481	60.158	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	333342	65.124	ug/l	98
67) Ethyl Benzene	11.786	91	1454667	60.422	ug/l	95
68) m/p-Xylenes	11.892	106	1177713	128.259	ug/l	96
69) o-Xylene	12.221	106	585286	65.380	ug/l	94
70) Styrene	12.233	104	959162	66.932	ug/l	98
71) Bromoform	12.398	173	308626	73.050	ug/l #	100
73) Isopropylbenzene	12.515	105	1508981	57.785	ug/l	99
74) N-amyl acetate	12.327	43	564663	57.231	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	486820	48.311	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	340585m	52.263	ug/l	
77) Bromobenzene	12.798	156	400621	58.911	ug/l	90
78) n-propylbenzene	12.857	91	1668288	56.778	ug/l	97
79) 2-Chlorotoluene	12.945	91	1004092	54.753	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	1273977	59.283	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	165070	59.967	ug/l	96
82) 4-Chlorotoluene	13.045	91	970928	55.862	ug/l	95
83) tert-Butylbenzene	13.263	119	1153658	60.608	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	1263704	59.804	ug/l	99
85) sec-Butylbenzene	13.439	105	1573809	59.822	ug/l	97
86) p-Isopropyltoluene	13.557	119	1370341	66.075	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	726427	58.522	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	720124	57.982	ug/l	98
89) n-Butylbenzene	13.880	91	1073342	63.607	ug/l	98
90) Hexachloroethane	14.151	117	230315	55.972	ug/l	86
91) 1,2-Dichlorobenzene	13.927	146	729008	57.957	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.539	75	118561	58.559	ug/l	84
93) 1,2,4-Trichlorobenzene	15.198	180	486583	77.898	ug/l	99
94) Hexachlorobutadiene	15.298	225	239090	70.407	ug/l	99
95) Naphthalene	15.433	128	1611865	79.520	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	501633	76.303	ug/l	98

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

