

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061322\
 Data File : VN072805.D
 Acq On : 13 Jun 2022 19:18
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 14 05:21:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061322W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 13 17:28:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 06/14/2022
 Supervised By :Mahesh Dadoda 06/14/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	155481	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	284111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	293730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	133646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	219971	50.530	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.060%			
35) Dibromofluoromethane	8.016	113	146587	51.806	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.620%			
50) Toluene-d8	10.439	98	592009	52.097	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.200%			
62) 4-Bromofluorobenzene	12.727	95	204080	50.821	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.640%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	107847	44.396	ug/l	96
3) Chloromethane	2.293	50	117133	49.769	ug/l	96
4) Vinyl Chloride	2.434	62	129510	46.351	ug/l	96
5) Bromomethane	2.816	94	56885	50.690	ug/l	97
6) Chloroethane	2.993	64	94420	54.156	ug/l	96
7) Trichlorofluoromethane	3.357	101	200267	46.127	ug/l	100
8) Diethyl Ether	3.822	74	82939	48.731	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.198	101	108691	45.320	ug/l	89
10) Methyl Iodide	4.416	142	89009	53.891	ug/l	# 84
11) Tert butyl alcohol	5.369	59	221156	51.703	ug/l	100
12) 1,1-Dichloroethene	4.175	96	96863	44.826	ug/l	83
13) Acrolein	4.040	56	46061	224.751	ug/l	94
14) Allyl chloride	4.834	41	232869	46.343	ug/l	# 89
15) Acrylonitrile	5.545	53	536768	265.012	ug/l	99
16) Acetone	4.281	43	512402	259.195	ug/l	91
17) Carbon Disulfide	4.522	76	205618	46.917	ug/l	99
18) Methyl Acetate	4.851	43	261086	50.247	ug/l	90
19) Methyl tert-butyl Ether	5.616	73	488674	48.500	ug/l	100
20) Methylene Chloride	5.087	84	139094	52.101	ug/l	87
21) trans-1,2-Dichloroethene	5.587	96	108889	50.037	ug/l	88
22) Diisopropyl ether	6.492	45	536237	50.960	ug/l	95
23) Vinyl Acetate	6.428	43	2432626	255.527	ug/l	# 93
24) 1,1-Dichloroethane	6.381	63	266491	48.427	ug/l	99
25) 2-Butanone	7.328	43	816998	263.480	ug/l	90
26) 2,2-Dichloropropane	7.322	77	206669	40.580	ug/l	94
27) cis-1,2-Dichloroethene	7.322	96	147703	48.108	ug/l	87
28) Bromochloromethane	7.651	49	139826	52.799	ug/l	# 74
29) Tetrahydrofuran	7.680	42	510780	265.915	ug/l	88
30) Chloroform	7.810	83	283531	49.614	ug/l	98
31) Cyclohexane	8.092	56	210116	50.698	ug/l	90
32) 1,1,1-Trichloroethane	8.010	97	240780	47.643	ug/l	95
36) 1,1-Dichloropropene	8.216	75	183824	46.623	ug/l	94
37) Ethyl Acetate	7.410	43	312790	51.923	ug/l	95
38) Carbon Tetrachloride	8.204	117	201692	48.804	ug/l	99
39) Methylcyclohexane	9.457	83	202603	45.341	ug/l	94
40) Benzene	8.457	78	570703	48.855	ug/l	98

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41) Methacrylonitrile	7.628	41	162127	56.199	ug/l #	85
42) 1,2-Dichloroethane	8.527	62	250332	49.601	ug/l	94
43) Isopropyl Acetate	8.557	43	478332	51.293	ug/l #	92
44) Trichloroethene	9.216	130	127555	47.993	ug/l	88
45) 1,2-Dichloropropane	9.486	63	161893	49.271	ug/l	99
46) Dibromomethane	9.574	93	111454	50.555	ug/l #	82
47) Bromodichloromethane	9.757	83	234063	51.086	ug/l	97
48) Methyl methacrylate	9.557	41	234796	54.257	ug/l	83
49) 1,4-Dioxane	9.569	88	82116	1110.635	ug/l #	88
51) 4-Methyl-2-Pentanone	10.327	43	1680968	271.754	ug/l	90
52) Toluene	10.504	92	364904	49.212	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	246344	50.672	ug/l	96
54) cis-1,3-Dichloropropene	10.186	75	252297	48.899	ug/l #	82
55) 1,1,2-Trichloroethane	10.898	97	155637	49.543	ug/l	95
56) Ethyl methacrylate	10.757	69	286335	52.178	ug/l #	78
57) 1,3-Dichloropropane	11.045	76	286775	50.830	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	637282	274.594	ug/l	91
59) 2-Hexanone	11.080	43	1270836	277.361	ug/l	88
60) Dibromochloromethane	11.239	129	167037	51.148	ug/l	100
61) 1,2-Dibromoethane	11.345	107	161249	50.849	ug/l	100
64) Tetrachloroethene	10.974	164	111046	49.390	ug/l	89
65) Chlorobenzene	11.768	112	379223	48.966	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	152457	51.626	ug/l	98
67) Ethyl Benzene	11.845	91	727183	50.277	ug/l	99
68) m/p-Xylenes	11.951	106	511893	98.961	ug/l	88
69) o-Xylene	12.280	106	262882	50.487	ug/l	88
70) Styrene	12.292	104	428749	51.721	ug/l	94
71) Bromoform	12.457	173	111979	52.134	ug/l #	98
73) Isopropylbenzene	12.574	105	706407	51.856	ug/l	97
74) N-amyl acetate	12.386	43	376346	57.609	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.821	83	259880	54.067	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	220308m	48.030	ug/l	
77) Bromobenzene	12.857	156	137665	50.377	ug/l	65
78) n-propylbenzene	12.915	91	802273	52.894	ug/l	94
79) 2-Chlorotoluene	13.004	91	503088	52.946	ug/l	92
80) 1,3,5-Trimethylbenzene	13.057	105	571161	51.862	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.621	75	78862	52.402	ug/l #	85
82) 4-Chlorotoluene	13.104	91	451001	50.943	ug/l	94
83) tert-Butylbenzene	13.321	119	493858	50.331	ug/l	88
84) 1,2,4-Trimethylbenzene	13.362	105	562231	53.163	ug/l	93
85) sec-Butylbenzene	13.498	105	698006	53.129	ug/l	96
86) p-Isopropyltoluene	13.615	119	549875	53.731	ug/l	94
87) 1,3-Dichlorobenzene	13.610	146	235985	50.356	ug/l	96
88) 1,4-Dichlorobenzene	13.692	146	229083	49.531	ug/l	94
89) n-Butylbenzene	13.939	91	458478	52.822	ug/l	96
90) Hexachloroethane	14.209	117	114051	52.126	ug/l	72
91) 1,2-Dichlorobenzene	13.986	146	236198	50.889	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	58800	55.785	ug/l	71
93) 1,2,4-Trichlorobenzene	15.262	180	112675	53.513	ug/l	96
94) Hexachlorobutadiene	15.368	225	51040	50.405	ug/l	98
95) Naphthalene	15.504	128	469331	56.499	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	119814	54.670	ug/l	95

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

