

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071599.D
 Acq On : 28 Mar 2022 12:37
 Operator : JC\MD
 Sample : VN0328WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

Quant Time: Mar 29 04:37:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:52:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	650702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1033256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	935169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	386806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	392547	48.557	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.120%		
35) Dibromofluoromethane	8.016	113	321801	49.556	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.120%		
50) Toluene-d8	10.439	98	1260876	48.139	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.280%		
62) 4-Bromofluorobenzene	12.727	95	419785	48.913	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	121200	17.851	ug/l	95
3) Chloromethane	2.299	50	136767	16.750	ug/l	96
4) Vinyl Chloride	2.446	62	154307	16.852	ug/l	97
5) Bromomethane	2.846	94	104821	21.691	ug/l	93
6) Chloroethane	3.010	64	121250	19.756	ug/l	94
7) Trichlorofluoromethane	3.375	101	192552	18.220	ug/l	100
8) Diethyl Ether	3.822	74	84507	19.183	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.216	101	119216	18.829	ug/l	97
10) Methyl Iodide	4.422	142	171696	18.807	ug/l	100
11) Tert butyl alcohol	5.357	59	131874	87.536	ug/l	97
12) 1,1-Dichloroethene	4.181	96	112125	17.981	ug/l	97
13) Acrolein	4.045	56	97945	85.012	ug/l	100
14) Allyl chloride	4.840	41	180480	17.929	ug/l	99
15) Acrylonitrile	5.545	53	373204	91.118	ug/l	99
16) Acetone	4.281	43	328573	99.156	ug/l	96
17) Carbon Disulfide	4.534	76	259175	15.935	ug/l	99
18) Methyl Acetate	4.845	43	169715	18.767	ug/l	100
19) Methyl tert-butyl Ether	5.604	73	437484	19.616	ug/l	100
20) Methylene Chloride	5.092	84	139123	18.018	ug/l	97
21) trans-1,2-Dichloroethene	5.598	96	122180	18.054	ug/l	97
22) Diisopropyl ether	6.486	45	410302	19.661	ug/l	96
23) Vinyl Acetate	6.428	43	1751356	97.752	ug/l	99
24) 1,1-Dichloroethane	6.381	63	235961	18.662	ug/l	98
25) 2-Butanone	7.328	43	486970	91.596	ug/l	100
26) 2,2-Dichloropropane	7.322	77	202305	19.124	ug/l	100
27) cis-1,2-Dichloroethene	7.322	96	153374	19.008	ug/l	97
28) Bromochloromethane	7.657	49	75281	14.571	ug/l	98
29) Tetrahydrofuran	7.681	42	317793	89.896	ug/l	99
30) Chloroform	7.816	83	247409	19.519	ug/l	99
31) Cyclohexane	8.092	56	211051	18.244	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	207749	18.816	ug/l	99
36) 1,1-Dichloropropene	8.216	75	174756	18.665	ug/l	100
37) Ethyl Acetate	7.404	43	195761	19.182	ug/l	99
38) Carbon Tetrachloride	8.204	117	171824	18.827	ug/l	100
39) Methylcyclohexane	9.457	83	218734	19.043	ug/l	99
40) Benzene	8.457	78	562794	19.310	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	106241	21.927	ug/l #	87
42) 1,2-Dichloroethane	8.522	62	200554	19.729	ug/l	99
43) Isopropyl Acetate	8.551	43	328101	19.866	ug/l	97
44) Trichloroethene	9.210	130	146407	19.353	ug/l	99
45) 1,2-Dichloropropane	9.486	63	138333	19.161	ug/l	100
46) Dibromomethane	9.575	93	95806	19.498	ug/l	98
47) Bromodichloromethane	9.757	83	192536	19.991	ug/l	98
48) Methyl methacrylate	9.551	41	146232	19.848	ug/l	98
49) 1,4-Dioxane	9.563	88	63290	372.286	ug/l	99
51) 4-Methyl-2-Pentanone	10.327	43	960547	94.013	ug/l	100
52) Toluene	10.498	92	357351	19.590	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	206584	19.948	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	223110	19.537	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	147003	19.879	ug/l	99
56) Ethyl methacrylate	10.757	69	219655	19.705	ug/l	100
57) 1,3-Dichloropropane	11.039	76	247435	19.886	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	268934	89.394	ug/l	99
59) 2-Hexanone	11.080	43	686847	93.251	ug/l	99
60) Dibromochloromethane	11.233	129	150157	20.132	ug/l	99
61) 1,2-Dibromoethane	11.339	107	149871	20.088	ug/l	100
64) Tetrachloroethene	10.969	164	125682	19.444	ug/l	98
65) Chlorobenzene	11.763	112	391405	19.727	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	142869	20.355	ug/l	99
67) Ethyl Benzene	11.839	91	671114	19.703	ug/l	99
68) m/p-Xylenes	11.945	106	518764	39.803	ug/l	100
69) o-Xylene	12.274	106	256244	19.790	ug/l	99
70) Styrene	12.286	104	407040	20.162	ug/l	100
71) Bromoform	12.451	173	111547	20.206	ug/l #	99
73) Isopropylbenzene	12.574	105	657567	19.282	ug/l	100
74) N-amyl acetate	12.380	43	200161	18.261	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	220613	19.660	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	188896m	21.900	ug/l	
77) Bromobenzene	12.857	156	164482	19.354	ug/l	97
78) n-propylbenzene	12.915	91	692507	19.087	ug/l	99
79) 2-Chlorotoluene	13.004	91	441762	18.869	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	524257	19.475	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	62395	19.367	ug/l	99
82) 4-Chlorotoluene	13.098	91	411241	19.079	ug/l	99
83) tert-Butylbenzene	13.321	119	472832	19.458	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	517530	19.923	ug/l	100
85) sec-Butylbenzene	13.498	105	627396	19.478	ug/l	99
86) p-Isopropyltoluene	13.610	119	510837	19.895	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	268836	19.502	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	258526	18.975	ug/l	99
89) n-Butylbenzene	13.939	91	356943	18.152	ug/l	100
90) Hexachloroethane	14.204	117	91150	18.188	ug/l	97
91) 1,2-Dichlorobenzene	13.980	146	261856	19.816	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	36530	18.115	ug/l	96
93) 1,2,4-Trichlorobenzene	15.262	180	111804	18.259	ug/l	99
94) Hexachlorobutadiene	15.362	225	73893	19.955	ug/l	99
95) Naphthalene	15.504	128	286500	16.832	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	108356	17.835	ug/l	99

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

