

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050622\
 Data File : VN072351.D
 Acq On : 06 May 2022 13:46
 Operator : JC\MD
 Sample : VN0506WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/09/2022
 Supervised By : Mahesh Dadoda 05/09/2022

Quant Time: May 09 03:12:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	203494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	331567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	305539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	129218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	162153	51.904	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.800%			
35) Dibromofluoromethane	8.022	113	118322	55.754	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 111.500%			
50) Toluene-d8	10.439	98	440608	52.837	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.680%			
62) 4-Bromofluorobenzene	12.727	95	148283	53.573	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.140%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	39470	17.194	ug/l	92
3) Chloromethane	2.299	50	42955	16.237	ug/l	96
4) Vinyl Chloride	2.446	62	35275	15.399	ug/l	94
5) Bromomethane	2.840	94	21016	17.718	ug/l	91
6) Chloroethane	3.010	64	21644	15.575	ug/l	99
7) Trichlorofluoromethane	3.375	101	71570	17.883	ug/l	99
8) Diethyl Ether	3.822	74	28004	19.324	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.210	101	40800	19.408	ug/l	97
10) Methyl Iodide	4.428	142	47844	18.749	ug/l #	90
11) Tert butyl alcohol	5.357	59	50311	97.996	ug/l	97
12) 1,1-Dichloroethene	4.181	96	34324	17.660	ug/l	99
13) Acrolein	4.046	56	23653	45.781	ug/l	96
14) Allyl chloride	4.840	41	72477	17.960	ug/l #	94
15) Acrylonitrile	5.551	53	147398	95.141	ug/l	98
16) Acetone	4.281	43	124266	92.259	ug/l	99
17) Carbon Disulfide	4.528	76	70963	15.769	ug/l	98
18) Methyl Acetate	4.852	43	74230	19.690	ug/l	92
19) Methyl tert-butyl Ether	5.610	73	156431	20.533	ug/l	96
20) Methylene Chloride	5.093	84	47959	18.576	ug/l	90
21) trans-1,2-Dichloroethene	5.599	96	38787	18.098	ug/l	97
22) Diisopropyl ether	6.493	45	165617	19.925	ug/l	97
23) Vinyl Acetate	6.428	43	693162	99.295	ug/l	94
24) 1,1-Dichloroethane	6.387	63	86149	18.529	ug/l	98
25) 2-Butanone	7.328	43	201642	94.003	ug/l	90
26) 2,2-Dichloropropane	7.328	77	71203	19.605	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	49597	18.983	ug/l	93
28) Bromochloromethane	7.657	49	42077	20.211	ug/l	86
29) Tetrahydrofuran	7.681	42	134267	95.378	ug/l	88
30) Chloroform	7.810	83	90375	19.360	ug/l	100
31) Cyclohexane	8.092	56	69000	16.530	ug/l	92
32) 1,1,1-Trichloroethane	8.010	97	80570	20.281	ug/l	97
36) 1,1-Dichloropropene	8.216	75	59353	19.214	ug/l	96
37) Ethyl Acetate	7.404	43	81778	19.935	ug/l	95
38) Carbon Tetrachloride	8.204	117	66676	20.153	ug/l	99
39) Methylcyclohexane	9.457	83	62153	17.990	ug/l	90
40) Benzene	8.457	78	186738	19.489	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	42190	20.330	ug/l #	86
42) 1,2-Dichloroethane	8.522	62	77758	21.198	ug/l	97
43) Isopropyl Acetate	8.557	43	125379	19.955	ug/l	94
44) Trichloroethene	9.216	130	45745	20.524	ug/l	96
45) 1,2-Dichloropropane	9.486	63	52142	20.139	ug/l	97
46) Dibromomethane	9.575	93	34451	21.241	ug/l	93
47) Bromodichloromethane	9.757	83	72895	21.420	ug/l	98
48) Methyl methacrylate	9.551	41	58585	21.620	ug/l	91
49) 1,4-Dioxane	9.569	88	20154	423.398	ug/l #	95
51) 4-Methyl-2-Pentanone	10.328	43	405098	104.659	ug/l	93
52) Toluene	10.498	92	117467	20.507	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	73436	21.466	ug/l	96
54) cis-1,3-Dichloropropene	10.186	75	79030	21.361	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	52937	22.041	ug/l	96
56) Ethyl methacrylate	10.757	69	78816	20.217	ug/l	91
57) 1,3-Dichloropropane	11.039	76	89374	21.206	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	88773	90.616	ug/l	96
59) 2-Hexanone	11.081	43	285246	104.598	ug/l	92
60) Dibromochloromethane	11.233	129	56621	23.055	ug/l	98
61) 1,2-Dibromoethane	11.339	107	52541	22.244	ug/l	100
64) Tetrachloroethene	10.975	164	41156	22.377	ug/l	95
65) Chlorobenzene	11.769	112	126381	20.472	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	50458	21.691	ug/l	96
67) Ethyl Benzene	11.839	91	218426	20.288	ug/l	97
68) m/p-Xylenes	11.951	106	168147	42.059	ug/l	94
69) o-Xylene	12.275	106	85570	22.078	ug/l	99
70) Styrene	12.292	104	133980	21.946	ug/l	97
71) Bromoform	12.451	173	39480	22.820	ug/l #	97
73) Isopropylbenzene	12.575	105	220176	19.292	ug/l	99
74) N-amyl acetate	12.386	43	78911	18.456	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.822	83	78276	19.689	ug/l	96
76) 1,2,3-Trichloropropane	12.875	75	70691m	24.249	ug/l	
77) Bromobenzene	12.857	156	50711	18.790	ug/l	89
78) n-propylbenzene	12.916	91	235983	18.770	ug/l	99
79) 2-Chlorotoluene	13.004	91	154915	18.759	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	183076	19.262	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.622	75	20162	18.041	ug/l	89
82) 4-Chlorotoluene	13.098	91	145092	18.874	ug/l	98
83) tert-Butylbenzene	13.322	119	163803	19.629	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	177334	19.284	ug/l	97
85) sec-Butylbenzene	13.498	105	216352	19.886	ug/l	97
86) p-Isopropyltoluene	13.610	119	166927	19.680	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	90246	20.660	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	88167	20.755	ug/l	97
89) n-Butylbenzene	13.939	91	125435	19.307	ug/l	97
90) Hexachloroethane	14.204	117	32342	17.565	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	90826	21.096	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	14919	18.901	ug/l	83
93) 1,2,4-Trichlorobenzene	15.257	180	34904	19.108	ug/l	97
94) Hexachlorobutadiene	15.363	225	23767	20.601	ug/l	97
95) Naphthalene	15.504	128	98711	17.780	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	38616	21.100	ug/l	95

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

