

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071122\
 Data File : VN073412.D
 Acq On : 11 Jul 2022 12:15
 Operator : JC\MD
 Sample : VN0711WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0711WBSD01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/12/2022
 Supervised By :Mahesh Dadoda 07/12/2022

Quant Time: Jul 12 07:24:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	216299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	367542	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	336294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	157618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	164037	52.534	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.060%			
35) Dibromofluoromethane	7.945	113	128593	52.588	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.180%			
50) Toluene-d8	10.375	98	435878	50.188	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.380%			
62) 4-Bromofluorobenzene	12.669	95	173697	52.043	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.080%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	56974	18.017	ug/l	99
3) Chloromethane	2.269	50	52928	17.240	ug/l	99
4) Vinyl Chloride	2.405	62	45527	17.453	ug/l	98
5) Bromomethane	2.804	94	24965	20.262	ug/l	98
6) Chloroethane	2.969	64	29063	18.940	ug/l	99
7) Trichlorofluoromethane	3.316	101	82382	18.267	ug/l	95
8) Diethyl Ether	3.763	74	38130	20.770	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.140	101	49843	18.704	ug/l	97
10) Methyl Iodide	4.351	142	46259	15.724	ug/l	93
11) Tert butyl alcohol	5.287	59	71413	94.410	ug/l	99
12) 1,1-Dichloroethene	4.116	96	45599	17.908	ug/l	94
13) Acrolein	3.981	56	36622	76.598	ug/l	98
14) Allyl chloride	4.763	41	102289	19.069	ug/l #	92
15) Acrylonitrile	5.469	53	213266	109.524	ug/l	98
16) Acetone	4.222	43	187448	106.947	ug/l	91
17) Carbon Disulfide	4.463	76	108128	16.377	ug/l	95
18) Methyl Acetate	4.769	43	110613	22.520	ug/l #	88
19) Methyl tert-butyl Ether	5.528	73	192088	20.699	ug/l	99
20) Methylene Chloride	5.016	84	58760	19.076	ug/l #	83
21) trans-1,2-Dichloroethene	5.516	96	49042	18.433	ug/l	97
22) Diisopropyl ether	6.410	45	210330	21.013	ug/l	95
23) Vinyl Acetate	6.345	43	909682	101.508	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	104611	20.196	ug/l	100
25) 2-Butanone	7.257	43	308674	110.615	ug/l #	89
26) 2,2-Dichloropropane	7.245	77	81072	16.923	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	60598	18.808	ug/l	92
28) Bromochloromethane	7.581	49	54053	24.917	ug/l #	81
29) Tetrahydrofuran	7.610	42	204656	107.109	ug/l #	86
30) Chloroform	7.739	83	108140	20.728	ug/l	92
31) Cyclohexane	8.016	56	90659	17.728	ug/l	91
32) 1,1,1-Trichloroethane	7.939	97	88408	19.015	ug/l	99
36) 1,1-Dichloropropene	8.151	75	71604	19.030	ug/l	98
37) Ethyl Acetate	7.334	43	114793	20.192	ug/l #	95
38) Carbon Tetrachloride	8.128	117	71973	18.497	ug/l	93
39) Methylcyclohexane	9.392	83	85883	18.334	ug/l	93
40) Benzene	8.386	78	227192	19.565	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	57173	20.736	ug/l	89
42) 1,2-Dichloroethane	8.463	62	88934	21.128	ug/l	98
43) Isopropyl Acetate	8.486	43	171487	20.988	ug/l #	93
44) Trichloroethene	9.145	130	54555	18.462	ug/l	91
45) 1,2-Dichloropropane	9.422	63	61420	20.752	ug/l	98
46) Dibromomethane	9.510	93	41910	20.855	ug/l	91
47) Bromodichloromethane	9.698	83	83692	21.503	ug/l #	96
48) Methyl methacrylate	9.492	41	74842	19.783	ug/l	89
49) 1,4-Dioxane	9.498	88	30125	419.466	ug/l #	92
51) 4-Methyl-2-Pentanone	10.269	43	588471	113.573	ug/l	90
52) Toluene	10.439	92	143167	19.950	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	84191	19.649	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	92667	20.033	ug/l	93
55) 1,1,2-Trichloroethane	10.839	97	60849	20.597	ug/l	98
56) Ethyl methacrylate	10.698	69	95943	20.092	ug/l #	81
57) 1,3-Dichloropropane	10.980	76	105687	20.868	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	220530	103.554	ug/l	94
59) 2-Hexanone	11.022	43	446142	112.957	ug/l	88
60) Dibromochloromethane	11.175	129	61643	21.885	ug/l	100
61) 1,2-Dibromoethane	11.280	107	60890	20.634	ug/l	96
64) Tetrachloroethene	10.916	164	51073	18.598	ug/l	95
65) Chlorobenzene	11.704	112	146623	19.278	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	56653	20.251	ug/l	96
67) Ethyl Benzene	11.780	91	267477	19.371	ug/l	97
68) m/p-Xylenes	11.892	106	200599	38.494	ug/l	95
69) o-Xylene	12.222	106	101335	19.049	ug/l	96
70) Styrene	12.233	104	165084	20.099	ug/l	99
71) Bromoform	12.398	173	44116	21.551	ug/l #	99
73) Isopropylbenzene	12.516	105	261407	19.206	ug/l	99
74) N-amyl acetate	12.327	43	127512	18.710	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.769	83	92979	20.586	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	81515m	19.779	ug/l	
77) Bromobenzene	12.798	156	60892	19.242	ug/l	87
78) n-propylbenzene	12.857	91	299125	19.782	ug/l	97
79) 2-Chlorotoluene	12.945	91	182417	19.061	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	221869	19.999	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.563	75	28614	19.040	ug/l	93
82) 4-Chlorotoluene	13.045	91	175942	18.990	ug/l	97
83) tert-Butylbenzene	13.263	119	187835	18.885	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	215947	19.496	ug/l	99
85) sec-Butylbenzene	13.439	105	263107	19.700	ug/l	97
86) p-Isopropyltoluene	13.551	119	212733	19.718	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	109878	19.354	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	107752	18.943	ug/l	97
89) n-Butylbenzene	13.880	91	172671	19.207	ug/l	97
90) Hexachloroethane	14.145	117	38582	19.189	ug/l	85
91) 1,2-Dichlorobenzene	13.927	146	114197	19.746	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	21660	19.731	ug/l	87
93) 1,2,4-Trichlorobenzene	15.192	180	58562	19.448	ug/l	98
94) Hexachlorobutadiene	15.298	225	24895	18.598	ug/l	100
95) Naphthalene	15.433	128	226092	18.612	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	60193	19.378	ug/l	99

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

