

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110222\
 Data File : VN075112.D
 Acq On : 02 Nov 2022 13:15
 Operator : JC\MD
 Sample : VN1102WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/03/2022
 Supervised By : Mahesh Dadoda 11/03/2022

Quant Time: Nov 03 04:15:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	82920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	156654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	141607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	66547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	62107	55.589	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.180%			
35) Dibromofluoromethane	8.171	113	48414	52.645	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.280%			
50) Toluene-d8	10.571	98	184756	51.782	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.560%			
62) 4-Bromofluorobenzene	12.853	95	64076	51.124	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	19796	18.352	ug/l	99
3) Chloromethane	2.371	50	23639	20.632	ug/l	96
4) Vinyl Chloride	2.524	62	31369	19.191	ug/l	91
5) Bromomethane	2.942	94	25736	18.980	ug/l	94
6) Chloroethane	3.118	64	24801	21.160	ug/l	99
7) Trichlorofluoromethane	3.506	101	34127	20.438	ug/l	98
8) Diethyl Ether	3.971	74	12340	20.262	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	19816	21.489	ug/l	97
10) Methyl Iodide	4.606	142	26443	19.262	ug/l	99
11) Tert butyl alcohol	5.542	59	25016	96.013	ug/l	100
12) 1,1-Dichloroethene	4.353	96	16846	19.166	ug/l	89
13) Acrolein	4.189	56	23771	111.542	ug/l	98
14) Allyl chloride	5.042	41	23208	18.078	ug/l	93
15) Acrylonitrile	5.730	53	60059	109.122	ug/l	99
16) Acetone	4.448	43	51013	107.834	ug/l	95
17) Carbon Disulfide	4.724	76	40141	18.160	ug/l	99
18) Methyl Acetate	5.036	43	34757	22.493	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	68499	20.968	ug/l	95
20) Methylene Chloride	5.289	84	21495	20.379	ug/l	93
21) trans-1,2-Dichloroethene	5.800	96	18896	19.634	ug/l	97
22) Diisopropyl ether	6.683	45	59563	21.025	ug/l	94
23) Vinyl Acetate	6.618	43	215612	91.140	ug/l	98
24) 1,1-Dichloroethane	6.577	63	36041	20.115	ug/l	97
25) 2-Butanone	7.494	43	80421	108.079	ug/l	96
26) 2,2-Dichloropropane	7.500	77	32448	19.685	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	23598	20.533	ug/l	96
28) Bromochloromethane	7.818	49	16319	21.606	ug/l	97
29) Tetrahydrofuran	7.847	42	51045	106.161	ug/l	98
30) Chloroform	7.971	83	40412	20.774	ug/l	98
31) Cyclohexane	8.259	56	32772	19.722	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	34712	19.649	ug/l	99
36) 1,1-Dichloropropene	8.377	75	27682	19.443	ug/l	98
37) Ethyl Acetate	7.571	43	30893	19.785	ug/l	98
38) Carbon Tetrachloride	8.371	117	30309	19.353	ug/l	98
39) Methylcyclohexane	9.606	83	35364	18.815	ug/l	96
40) Benzene	8.612	78	86356	19.809	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	16844	22.517	ug/l	96
42) 1,2-Dichloroethane	8.677	62	33323	21.011	ug/l	100
43) Isopropyl Acetate	8.694	43	49863	20.588	ug/l	99
44) Trichloroethene	9.353	130	20212	18.480	ug/l	99
45) 1,2-Dichloropropane	9.630	63	21393	20.621	ug/l	92
46) Dibromomethane	9.712	93	16237	20.089	ug/l	98
47) Bromodichloromethane	9.894	83	32009	20.450	ug/l	99
48) Methyl methacrylate	9.683	41	22148	19.935	ug/l	98
49) 1,4-Dioxane	9.700	88	11083	380.958	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	164403	105.191	ug/l	98
52) Toluene	10.630	92	56310	19.323	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	32433	19.631	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	34103	19.462	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	24004	20.774	ug/l	98
56) Ethyl methacrylate	10.877	69	35575	20.184	ug/l	97
57) 1,3-Dichloropropane	11.165	76	40291	20.939	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	68103	99.948	ug/l	99
59) 2-Hexanone	11.200	43	120259	101.383	ug/l	99
60) Dibromochloromethane	11.359	129	24387	20.005	ug/l	99
61) 1,2-Dibromoethane	11.471	107	23885	20.171	ug/l	98
64) Tetrachloroethene	11.106	164	18517	21.329	ug/l	94
65) Chlorobenzene	11.894	112	59414	19.656	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	21913	19.543	ug/l	97
67) Ethyl Benzene	11.965	91	107334	19.737	ug/l	100
68) m/p-Xylenes	12.071	106	86135	39.474	ug/l	99
69) o-Xylene	12.400	106	42395	19.646	ug/l	99
70) Styrene	12.412	104	67575	19.639	ug/l	98
71) Bromoform	12.582	173	16315	19.434	ug/l #	95
73) Isopropylbenzene	12.700	105	106971	20.023	ug/l	100
74) N-amyl acetate	12.494	43	40918	20.708	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	37177	21.980	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	34570m	24.466	ug/l	
77) Bromobenzene	12.982	156	23690	20.139	ug/l	98
78) n-propylbenzene	13.035	91	126785	21.137	ug/l	96
79) 2-Chlorotoluene	13.129	91	74588	20.350	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	91856	20.470	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	11834	21.499	ug/l	90
82) 4-Chlorotoluene	13.129	91	74588	20.350	ug/l	100
83) tert-Butylbenzene	13.441	119	80501	20.190	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	92810	20.442	ug/l	100
85) sec-Butylbenzene	13.618	105	113833	20.408	ug/l	98
86) p-Isopropyltoluene	13.735	119	92318	20.041	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	45707	19.845	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	46055	20.204	ug/l	98
89) n-Butylbenzene	14.059	91	76305	20.570	ug/l	99
90) Hexachloroethane	14.335	117	16220	19.204	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	48318	21.102	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	7705	21.381	ug/l	91
93) 1,2,4-Trichlorobenzene	15.388	180	19913	20.210	ug/l	99
94) Hexachlorobutadiene	15.506	225	9746	20.289	ug/l	95
95) Naphthalene	15.647	128	75481	19.920	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	20132	20.563	ug/l	99

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

