

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110422\
 Data File : VN075168.D
 Acq On : 04 Nov 2022 12:32
 Operator : JC\MD
 Sample : VN1104WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/07/2022
 Supervised By : Mahesh Dadoda 11/07/2022

Quant Time: Nov 05 06:56:54 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	8.229	168	96027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	178327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	161193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	73589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	70079	54.163	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.320%			
35) Dibromofluoromethane	8.176	113	55376	52.897	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.800%			
50) Toluene-d8	10.570	98	203723	50.159	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.320%			
62) 4-Bromofluorobenzene	12.847	95	71528	50.133	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	21874	17.510	ug/l	94
3) Chloromethane	2.371	50	23009	17.341	ug/l	93
4) Vinyl Chloride	2.524	62	32048	16.931	ug/l	97
5) Bromomethane	2.930	94	26638	16.392	ug/l	90
6) Chloroethane	3.112	64	24014	17.692	ug/l	97
7) Trichlorofluoromethane	3.500	101	37420	19.352	ug/l	96
8) Diethyl Ether	3.971	74	14161	20.078	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	21643	20.267	ug/l	99
10) Methyl Iodide	4.588	142	28479	17.914	ug/l	98
11) Tert butyl alcohol	5.535	59	27061	89.686	ug/l	99
12) 1,1-Dichloroethene	4.347	96	18565	18.238	ug/l	91
13) Acrolein	4.188	56	20112	81.491	ug/l	98
14) Allyl chloride	5.030	41	28635	19.261	ug/l	96
15) Acrylonitrile	5.730	53	65460	102.701	ug/l	99
16) Acetone	4.436	43	56260	102.693	ug/l	98
17) Carbon Disulfide	4.724	76	42306	16.527	ug/l	96
18) Methyl Acetate	5.035	43	38878	21.725	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	74504	19.693	ug/l	99
20) Methylene Chloride	5.288	84	24906	20.390	ug/l	88
21) trans-1,2-Dichloroethene	5.794	96	20988	18.831	ug/l	94
22) Diisopropyl ether	6.682	45	65833	20.066	ug/l	97
23) Vinyl Acetate	6.618	43	263392m	96.140	ug/l	
24) 1,1-Dichloroethane	6.577	63	40122	19.336	ug/l	99
25) 2-Butanone	7.488	43	87719	101.796	ug/l	99
26) 2,2-Dichloropropane	7.494	77	35861	18.787	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	26452	19.874	ug/l	96
28) Bromochloromethane	7.818	49	18216	20.826	ug/l	98
29) Tetrahydrofuran	7.847	42	54938	98.662	ug/l	99
30) Chloroform	7.971	83	44958	19.956	ug/l	99
31) Cyclohexane	8.265	56	34668	18.016	ug/l	95
32) 1,1,1-Trichloroethane	8.176	97	40048	19.575	ug/l	97
36) 1,1-Dichloropropene	8.376	75	30227	18.650	ug/l	98
37) Ethyl Acetate	7.571	43	32924	18.523	ug/l	99
38) Carbon Tetrachloride	8.371	117	33180	18.611	ug/l	98
39) Methylcyclohexane	9.600	83	38123	17.817	ug/l	95
40) Benzene	8.612	78	96171	19.380	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	17672	20.752	ug/l	97
42) 1,2-Dichloroethane	8.676	62	36308	20.110	ug/l	99
43) Isopropyl Acetate	8.694	43	54935	19.925	ug/l	98
44) Trichloroethene	9.359	130	24102	19.359	ug/l	97
45) 1,2-Dichloropropane	9.623	63	24733	20.943	ug/l	97
46) Dibromomethane	9.712	93	18106	19.679	ug/l	99
47) Bromodichloromethane	9.894	83	34904	19.590	ug/l	100
48) Methyl methacrylate	9.682	41	24097	19.054	ug/l	99
49) 1,4-Dioxane	9.700	88	13951	421.259	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	175526	98.659	ug/l	99
52) Toluene	10.635	92	65888	19.862	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	35666	18.965	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	38385	19.243	ug/l	96
55) 1,1,2-Trichloroethane	11.017	97	27026	20.547	ug/l	97
56) Ethyl methacrylate	10.876	69	39025	19.451	ug/l	99
57) 1,3-Dichloropropane	11.164	76	44712	20.412	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	73014	94.132	ug/l	99
59) 2-Hexanone	11.200	43	129430	95.853	ug/l	99
60) Dibromochloromethane	11.359	129	26571	19.147	ug/l	98
61) 1,2-Dibromoethane	11.470	107	27017	20.043	ug/l	99
64) Tetrachloroethene	11.106	164	22989	23.262	ug/l	92
65) Chlorobenzene	11.894	112	66181	19.235	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	24754	19.394	ug/l	97
67) Ethyl Benzene	11.964	91	119652	19.329	ug/l	98
68) m/p-Xylenes	12.070	106	94465	38.032	ug/l	95
69) o-Xylene	12.400	106	47983	19.534	ug/l	96
70) Styrene	12.411	104	74439	19.005	ug/l	97
71) Bromoform	12.582	173	17732	18.556	ug/l #	100
73) Isopropylbenzene	12.700	105	119541	20.234	ug/l	99
74) N-amyl acetate	12.494	43	40379	18.480	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	39704	21.089	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	31476m	20.145	ug/l	
77) Bromobenzene	12.982	156	26758	20.570	ug/l	97
78) n-propylbenzene	13.035	91	136880	20.636	ug/l	99
79) 2-Chlorotoluene	13.129	91	84060	20.739	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	103326	20.823	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	11007m	18.083	ug/l	
82) 4-Chlorotoluene	13.129	91	84060	20.739	ug/l	99
83) tert-Butylbenzene	13.441	119	89241	20.240	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	103623	20.640	ug/l	97
85) sec-Butylbenzene	13.617	105	127080	20.603	ug/l	97
86) p-Isopropyltoluene	13.729	119	102503	20.122	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	51018	20.031	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	51093	20.270	ug/l	98
89) n-Butylbenzene	14.058	91	83510	20.358	ug/l	99
90) Hexachloroethane	14.335	117	16837	18.027	ug/l	97
91) 1,2-Dichlorobenzene	14.105	146	51912	20.502	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	7707	19.340	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	22280	20.448	ug/l	100
94) Hexachlorobutadiene	15.499	225	10532	19.828	ug/l	99
95) Naphthalene	15.641	128	82412	19.668	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	22442	20.729	ug/l	97

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

