

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102022\
 Data File : VN074950.D
 Acq On : 20 Oct 2022 18:28
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102022

Quant Time: Oct 21 04:20:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 04:14:20 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	482219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	861620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	957573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	692280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	596212	46.535	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.060%		
35) Dibromofluoromethane	8.171	113	479569	46.762	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.520%		
50) Toluene-d8	10.571	98	1930949	49.074	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.140%		
62) 4-Bromofluorobenzene	12.853	95	719761	51.858	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	325702	43.208	ug/l	100
3) Chloromethane	2.377	50	392681	51.108	ug/l	96
4) Vinyl Chloride	2.524	62	573797	49.237	ug/l	98
5) Bromomethane	2.924	94	467076	49.611	ug/l	98
6) Chloroethane	3.106	64	438355	49.576	ug/l	96
7) Trichlorofluoromethane	3.500	101	604388	48.729	ug/l	99
8) Diethyl Ether	3.971	74	253940	44.436	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	351037	47.801	ug/l	99
10) Methyl Iodide	4.600	142	486579	45.129	ug/l	98
11) Tert butyl alcohol	5.541	59	642173	237.074	ug/l	99
12) 1,1-Dichloroethene	4.347	96	319436	48.338	ug/l	95
13) Acrolein	4.194	56	321729	243.187	ug/l	97
14) Allyl chloride	5.030	41	532751m	45.406	ug/l	
15) Acrylonitrile	5.736	53	1324314	241.689	ug/l	98
16) Acetone	4.442	43	1082061	247.436	ug/l	99
17) Carbon Disulfide	4.724	76	659108	48.606	ug/l	99
18) Methyl Acetate	5.036	43	742854	45.654	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	1487164	47.804	ug/l	95
20) Methylene Chloride	5.289	84	425510	49.324	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	373939	48.040	ug/l	83
22) Diisopropyl ether	6.688	45	1265390	47.128	ug/l	96
23) Vinyl Acetate	6.612	43	5249723m	248.383	ug/l	
24) 1,1-Dichloroethane	6.577	63	780408	47.006	ug/l	98
25) 2-Butanone	7.494	43	1800647	230.706	ug/l	98
26) 2,2-Dichloropropane	7.500	77	712572	45.414	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	498993	46.362	ug/l	99
28) Bromochloromethane	7.818	49	333328	48.183	ug/l	99
29) Tetrahydrofuran	7.847	42	1139480	236.715	ug/l	98
30) Chloroform	7.971	83	873659	46.571	ug/l	98
31) Cyclohexane	8.265	56	579861	44.298	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	791228	46.874	ug/l	100
36) 1,1-Dichloropropene	8.377	75	576110	44.606	ug/l	100
37) Ethyl Acetate	7.571	43	679117	44.654	ug/l	99
38) Carbon Tetrachloride	8.365	117	666973	47.439	ug/l	97
39) Methylcyclohexane	9.606	83	701699	45.855	ug/l	97
40) Benzene	8.612	78	1819593	45.698	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	351674	46.071	ug/l	97
42) 1,2-Dichloroethane	8.677	62	685943	45.510	ug/l	99
43) Isopropyl Acetate	8.694	43	1116938	47.351	ug/l	100
44) Trichloroethene	9.359	130	431394	44.143	ug/l	95
45) 1,2-Dichloropropane	9.624	63	462254	45.043	ug/l	100
46) Dibromomethane	9.712	93	351702	46.864	ug/l	98
47) Bromodichloromethane	9.888	83	711959	46.962	ug/l	98
48) Methyl methacrylate	9.682	41	500359	48.511	ug/l	98
49) 1,4-Dioxane	9.700	88	293637	984.666	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	3749114	239.945	ug/l	99
52) Toluene	10.629	92	1235908	47.568	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	760031	50.814	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	786445	47.547	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	530308	48.638	ug/l	96
56) Ethyl methacrylate	10.876	69	829139	50.498	ug/l	97
57) 1,3-Dichloropropane	11.165	76	874179	47.226	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	1746703	236.752	ug/l	99
59) 2-Hexanone	11.200	43	2891386	244.005	ug/l	100
60) Dibromochloromethane	11.365	129	571904	49.965	ug/l	100
61) 1,2-Dibromoethane	11.470	107	541142	49.224	ug/l	99
64) Tetrachloroethene	11.106	164	342505	43.740	ug/l	97
65) Chlorobenzene	11.894	112	1336864	46.172	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	528322	48.412	ug/l	99
67) Ethyl Benzene	11.965	91	2457061	47.795	ug/l	99
68) m/p-Xylenes	12.076	106	1965321	98.046	ug/l	99
69) o-Xylene	12.400	106	992679	49.437	ug/l	98
70) Styrene	12.412	104	1665845	52.342	ug/l	99
71) Bromoform	12.582	173	410615	49.854	ug/l #	98
73) Isopropylbenzene	12.700	105	2604700	46.063	ug/l	99
74) N-amyl acetate	12.494	43	1033989	45.510	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	898770	42.560	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	805648m	42.913	ug/l	
77) Bromobenzene	12.982	156	551490	42.530	ug/l	99
78) n-propylbenzene	13.035	91	3015087	45.560	ug/l	100
79) 2-Chlorotoluene	13.129	91	1823975	44.493	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	2249002	46.045	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	295378	50.445	ug/l	99
82) 4-Chlorotoluene	13.129	91	1823975	44.493	ug/l	98
83) tert-Butylbenzene	13.441	119	2016545	46.653	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	2341156	47.456	ug/l	98
85) sec-Butylbenzene	13.617	105	2935100	48.363	ug/l	100
86) p-Isopropyltoluene	13.729	119	2455175	49.121	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	1185998	47.805	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	1171039	46.557	ug/l	100
89) n-Butylbenzene	14.059	91	2070987	48.522	ug/l	98
90) Hexachloroethane	14.335	117	451894	46.664	ug/l	100
91) 1,2-Dichlorobenzene	14.111	146	1181080	46.445	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	207565	47.305	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	527355	47.653	ug/l	98
94) Hexachlorobutadiene	15.506	225	244189	42.740	ug/l	98
95) Naphthalene	15.641	128	2120165	50.409	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	528353	47.439	ug/l	100

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

