

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081722\
 Data File : VN073969.D
 Acq On : 17 Aug 2022 12:17
 Operator : JC\MD
 Sample : VN0817WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/17/2022
 Supervised By : Mahesh Dadoda 08/18/2022

Quant Time: Aug 17 15:30:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	602072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	870306	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	783211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	396307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	306933	52.341	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.680%			
35) Dibromofluoromethane	7.951	113	270404	52.537	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.080%			
50) Toluene-d8	10.380	98	1021965	51.269	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.540%			
62) 4-Bromofluorobenzene	12.668	95	345863	52.280	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.560%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	93927	19.675	ug/l	99
3) Chloromethane	2.269	50	101187	19.060	ug/l	100
4) Vinyl Chloride	2.404	62	123417	18.109	ug/l	97
5) Bromomethane	2.793	94	71651	16.836	ug/l	96
6) Chloroethane	2.957	64	85591	17.777	ug/l	99
7) Trichlorofluoromethane	3.316	101	163816	18.633	ug/l	98
8) Diethyl Ether	3.763	74	62677	19.205	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.134	101	97914	19.172	ug/l	94
10) Methyl Iodide	4.351	142	82776	13.501	ug/l	97
11) Tert butyl alcohol	5.281	59	127927	97.526	ug/l	99
12) 1,1-Dichloroethene	4.116	96	88266	18.575	ug/l	88
13) Acrolein	3.975	56	99646	108.529	ug/l	96
14) Allyl chloride	4.757	41	133115	18.915	ug/l	99
15) Acrylonitrile	5.469	53	336326	105.021	ug/l	98
16) Acetone	4.216	43	270000	97.591	ug/l	97
17) Carbon Disulfide	4.457	76	200483	17.744	ug/l	100
18) Methyl Acetate	4.769	43	159535	21.629	ug/l	98
19) Methyl tert-butyl Ether	5.528	73	336587	19.668	ug/l	93
20) Methylene Chloride	5.016	84	107292	18.378	ug/l	91
21) trans-1,2-Dichloroethene	5.510	96	95276	18.200	ug/l	95
22) Diisopropyl ether	6.410	45	303935	20.370	ug/l	97
23) Vinyl Acetate	6.345	43	1313936	102.759	ug/l	99
24) 1,1-Dichloroethane	6.304	63	178003	19.165	ug/l	97
25) 2-Butanone	7.257	43	454075	103.510	ug/l	99
26) 2,2-Dichloropropane	7.251	77	152957	17.529	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	123745	19.159	ug/l	93
28) Bromochloromethane	7.586	49	66171	19.317	ug/l	88
29) Tetrahydrofuran	7.604	42	292013	103.770	ug/l	97
30) Chloroform	7.745	83	200496	19.305	ug/l	98
31) Cyclohexane	8.016	56	155917	19.073	ug/l	97
32) 1,1,1-Trichloroethane	7.939	97	174433	18.940	ug/l	97
36) 1,1-Dichloropropene	8.151	75	134236	18.777	ug/l	98
37) Ethyl Acetate	7.334	43	168661	19.474	ug/l	96
38) Carbon Tetrachloride	8.133	117	154027	18.850	ug/l	99
39) Methylcyclohexane	9.392	83	171891	19.189	ug/l	96
40) Benzene	8.386	78	436120	19.329	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	88382	22.581	ug/l #	89
42) 1,2-Dichloroethane	8.463	62	157033	20.241	ug/l	98
43) Isopropyl Acetate	8.492	43	250777	20.326	ug/l	97
44) Trichloroethene	9.151	130	121935	18.711	ug/l	95
45) 1,2-Dichloropropane	9.428	63	106053	19.610	ug/l	99
46) Dibromomethane	9.510	93	81835	19.903	ug/l	93
47) Bromodichloromethane	9.698	83	154662	19.680	ug/l	98
48) Methyl methacrylate	9.498	41	109088	20.663	ug/l	88
49) 1,4-Dioxane	9.504	88	63046	401.582	ug/l	95
51) 4-Methyl-2-Pentanone	10.269	43	886890	106.320	ug/l	100
52) Toluene	10.445	92	285689	18.465	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	160942	19.516	ug/l	100
54) cis-1,3-Dichloropropene	10.127	75	175731	19.476	ug/l	96
55) 1,1,2-Trichloroethane	10.839	97	121660	20.215	ug/l	96
56) Ethyl methacrylate	10.698	69	181677	21.165	ug/l	96
57) 1,3-Dichloropropane	10.986	76	200882	20.529	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.980	63	432276	107.902	ug/l	95
59) 2-Hexanone	11.022	43	684293	106.590	ug/l	100
60) Dibromochloromethane	11.174	129	132224	19.867	ug/l	98
61) 1,2-Dibromoethane	11.286	107	126778	19.695	ug/l	100
64) Tetrachloroethene	10.916	164	113251	18.320	ug/l	97
65) Chlorobenzene	11.710	112	317252	19.060	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	120905	19.182	ug/l	98
67) Ethyl Benzene	11.786	91	538745	19.462	ug/l	95
68) m/p-Xylenes	11.892	106	432469	38.451	ug/l	99
69) o-Xylene	12.221	106	214960	19.059	ug/l	97
70) Styrene	12.233	104	345373	19.559	ug/l	98
71) Bromoform	12.398	173	106595	18.942	ug/l #	100
73) Isopropylbenzene	12.521	105	547686	18.979	ug/l	99
74) N-amyl acetate	12.327	43	209780	19.229	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	190003	19.620	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	164495m	19.970	ug/l	
77) Bromobenzene	12.798	156	147522	18.886	ug/l	91
78) n-propylbenzene	12.863	91	599763	19.497	ug/l	98
79) 2-Chlorotoluene	12.945	91	369631	19.282	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	459523	19.577	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.568	75	55037	19.003	ug/l	100
82) 4-Chlorotoluene	13.045	91	353346	19.407	ug/l	95
83) tert-Butylbenzene	13.263	119	417920	19.348	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	463244	19.763	ug/l	100
85) sec-Butylbenzene	13.439	105	561613	20.059	ug/l	99
86) p-Isopropyltoluene	13.557	119	475764	19.946	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	257559	19.013	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	258461	18.827	ug/l	98
89) n-Butylbenzene	13.880	91	360513	19.082	ug/l	99
90) Hexachloroethane	14.151	117	81954	18.797	ug/l	86
91) 1,2-Dichlorobenzene	13.927	146	261876	18.721	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	43270	18.924	ug/l	90
93) 1,2,4-Trichlorobenzene	15.198	180	159713	18.760	ug/l	98
94) Hexachlorobutadiene	15.298	225	85548	19.062	ug/l	97
95) Naphthalene	15.433	128	532642	19.190	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	166096	18.875	ug/l	99

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

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