

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
 Data File : VN073995.D
 Acq On : 18 Aug 2022 11:09
 Operator : JC\MD
 Sample : VN0818WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/19/2022
 Supervised By : Mahesh Dadoda 08/22/2022

Quant Time: Aug 18 21:46:55 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	562846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	826181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	736342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	373598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	298565	54.462	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.920%			
35) Dibromofluoromethane	7.951	113	261741	53.570	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.140%			
50) Toluene-d8	10.380	98	1007351	53.235	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.460%			
62) 4-Bromofluorobenzene	12.668	95	341325	54.350	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.700%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.051	85	87758	19.664	ug/l	99
3) Chloromethane	2.269	50	100192	20.188	ug/l	97
4) Vinyl Chloride	2.410	62	119589	18.770	ug/l	98
5) Bromomethane	2.810	94	73412	18.452	ug/l	99
6) Chloroethane	2.969	64	80944	17.984	ug/l	99
7) Trichlorofluoromethane	3.322	101	160820	19.568	ug/l	95
8) Diethyl Ether	3.763	74	59126	19.380	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.145	101	93004	19.480	ug/l	92
10) Methyl Iodide	4.351	142	89778	15.663	ug/l	98
11) Tert butyl alcohol	5.281	59	114376	93.272	ug/l	99
12) 1,1-Dichloroethene	4.116	96	85172	19.173	ug/l	90
13) Acrolein	3.981	56	81110	94.497	ug/l	99
14) Allyl chloride	4.757	41	126926	19.293	ug/l	98
15) Acrylonitrile	5.475	53	305387	102.006	ug/l	99
16) Acetone	4.222	43	247788	95.805	ug/l	99
17) Carbon Disulfide	4.457	76	189705	17.961	ug/l	100
18) Methyl Acetate	4.775	43	146282	21.163	ug/l	97
19) Methyl tert-butyl Ether	5.528	73	306274	19.144	ug/l	98
20) Methylene Chloride	5.016	84	102581	18.796	ug/l	99
21) trans-1,2-Dichloroethene	5.522	96	91085	18.612	ug/l	92
22) Diisopropyl ether	6.410	45	283453	20.321	ug/l	97
23) Vinyl Acetate	6.351	43	1210521	101.269	ug/l	98
24) 1,1-Dichloroethane	6.304	63	169023	19.467	ug/l	98
25) 2-Butanone	7.257	43	421547	102.792	ug/l	98
26) 2,2-Dichloropropane	7.245	77	152569	18.703	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	114082	18.893	ug/l	96
28) Bromochloromethane	7.586	49	67484	21.073	ug/l	90
29) Tetrahydrofuran	7.610	42	274506	104.347	ug/l	98
30) Chloroform	7.745	83	185786	19.136	ug/l	100
31) Cyclohexane	8.022	56	154098	20.164	ug/l	96
32) 1,1,1-Trichloroethane	7.945	97	165673	19.242	ug/l	98
36) 1,1-Dichloropropene	8.151	75	128242	18.897	ug/l	97
37) Ethyl Acetate	7.339	43	162133	19.720	ug/l	100
38) Carbon Tetrachloride	8.133	117	143862	18.546	ug/l	95
39) Methylcyclohexane	9.392	83	163076	19.178	ug/l	97
40) Benzene	8.392	78	408064	19.051	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	68243	18.367	ug/l	92
42) 1,2-Dichloroethane	8.463	62	141847	19.260	ug/l	98
43) Isopropyl Acetate	8.492	43	228382	19.499	ug/l	98
44) Trichloroethene	9.151	130	114160	18.453	ug/l	98
45) 1,2-Dichloropropane	9.427	63	101561	19.782	ug/l	98
46) Dibromomethane	9.516	93	76036	19.480	ug/l	94
47) Bromodichloromethane	9.704	83	143664	19.257	ug/l	99
48) Methyl methacrylate	9.498	41	98468	19.648	ug/l	91
49) 1,4-Dioxane	9.504	88	58836	394.781	ug/l	94
51) 4-Methyl-2-Pentanone	10.269	43	816454	103.103	ug/l	100
52) Toluene	10.445	92	269287	18.335	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	144929	18.513	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	161483	18.853	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	112909	19.762	ug/l	97
56) Ethyl methacrylate	10.704	69	163986	20.124	ug/l	97
57) 1,3-Dichloropropane	10.986	76	184303	19.840	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	387013	101.763	ug/l	98
59) 2-Hexanone	11.027	43	628723	103.164	ug/l	100
60) Dibromochloromethane	11.180	129	119309	18.884	ug/l	99
61) 1,2-Dibromoethane	11.286	107	116354	19.041	ug/l	99
64) Tetrachloroethene	10.916	164	104450	17.972	ug/l	98
65) Chlorobenzene	11.710	112	297179	18.990	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	112152	18.926	ug/l	98
67) Ethyl Benzene	11.786	91	499746	19.202	ug/l	99
68) m/p-Xylenes	11.892	106	402529	38.067	ug/l	98
69) o-Xylene	12.221	106	195761	18.461	ug/l	97
70) Styrene	12.233	104	317310	19.114	ug/l	98
71) Bromoform	12.398	173	97045	18.342	ug/l #	99
73) Isopropylbenzene	12.521	105	517656	19.029	ug/l	99
74) N-amyl acetate	12.327	43	185583	18.045	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	177242	19.415	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	148934m	19.180	ug/l	
77) Bromobenzene	12.804	156	132856	18.042	ug/l	95
78) n-propylbenzene	12.863	91	559251	19.286	ug/l	97
79) 2-Chlorotoluene	12.945	91	346611	19.180	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	434793	19.649	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.568	75	50374	18.451	ug/l	99
82) 4-Chlorotoluene	13.045	91	328989	19.168	ug/l	96
83) tert-Butylbenzene	13.263	119	386019	18.958	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	430288	19.473	ug/l	100
85) sec-Butylbenzene	13.439	105	524847	19.885	ug/l	98
86) p-Isopropyltoluene	13.557	119	443266	19.713	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	238696	18.692	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	235727	18.215	ug/l	98
89) n-Butylbenzene	13.880	91	324878	18.241	ug/l	98
90) Hexachloroethane	14.151	117	76820	18.690	ug/l	93
91) 1,2-Dichlorobenzene	13.927	146	244997	18.579	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	39302	18.234	ug/l	92
93) 1,2,4-Trichlorobenzene	15.198	180	144791	18.041	ug/l	100
94) Hexachlorobutadiene	15.298	225	78548	18.566	ug/l	99
95) Naphthalene	15.433	128	463746	17.724	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	149950	18.076	ug/l	99

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

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