

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100322\
 Data File : VN074715.D
 Acq On : 03 Oct 2022 19:03
 Operator : JC\MD
 Sample : VN1003WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003WBS01

Quant Time: Oct 04 06:12:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 05:54:56 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/04/2022
 Supervised By : Mahesh Dadoda 10/05/2022

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

Internal Standards						
1) Pentafluorobenzene	7.934	168	198461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	351510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.622	117	384338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	221483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.287	65	256604	51.455	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.900%			
35) Dibromofluoromethane	7.863	113	190964	50.535	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.080%			
50) Toluene-d8	10.310	98	790866	50.918	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.840%			
62) 4-Bromofluorobenzene	12.604	95	234467	44.673	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.999	85	90389	22.071	ug/l	91
3) Chloromethane	2.216	50	135190	21.639	ug/l	97
4) Vinyl Chloride	2.357	62	238912	20.116	ug/l #	86
5) Bromomethane	2.734	94	182235	19.703	ug/l	87
6) Chloroethane	2.899	64	233119	24.502	ug/l #	87
7) Trichlorofluoromethane	3.246	101	126775	19.824	ug/l	95
8) Diethyl Ether	3.687	74	52021	18.471	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.046	101	71194	19.845	ug/l #	63
10) Methyl Iodide	4.257	142	92870	21.254	ug/l	95
11) Tert butyl alcohol	5.163	59	111039	101.984	ug/l #	89
12) 1,1-Dichloroethene	4.022	96	67764	18.978	ug/l #	80
13) Acrolein	3.893	56	39831	90.330	ug/l	98
14) Allyl chloride	4.657	41	145771	19.880	ug/l	93
15) Acrylonitrile	5.357	53	308713	99.637	ug/l	97
16) Acetone	4.128	43	261158	98.276	ug/l #	86
17) Carbon Disulfide	4.363	76	200194	19.129	ug/l	99
18) Methyl Acetate	4.669	43	183537	20.241	ug/l	93
19) Methyl tert-butyl Ether	5.428	73	278626	19.613	ug/l	96
20) Methylene Chloride	4.904	84	87413	19.878	ug/l #	85
21) trans-1,2-Dichloroethene	5.410	96	79846	20.637	ug/l	91
22) Diisopropyl ether	6.298	45	327143	20.245	ug/l #	91
23) Vinyl Acetate	6.245	43	1318918	99.382	ug/l #	94
24) 1,1-Dichloroethane	6.198	63	166905	20.833	ug/l	97
25) 2-Butanone	7.163	43	467605	99.012	ug/l #	87
26) 2,2-Dichloropropane	7.151	77	121010	19.938	ug/l	98
27) cis-1,2-Dichloroethene	7.151	96	95971	19.853	ug/l	92
28) Bromochloromethane	7.492	49	82598	21.510	ug/l #	68
29) Tetrahydrofuran	7.516	42	311776	100.196	ug/l	87
30) Chloroform	7.663	83	161751	20.648	ug/l	94
31) Cyclohexane	7.934	56	147831	19.184	ug/l	94
32) 1,1,1-Trichloroethane	7.851	97	130457	19.358	ug/l	94
36) 1,1-Dichloropropene	8.069	75	120409	19.565	ug/l	95
37) Ethyl Acetate	7.240	43	173379	20.062	ug/l #	93
38) Carbon Tetrachloride	8.051	117	99879	18.352	ug/l #	94
39) Methylcyclohexane	9.316	83	146898	19.705	ug/l	99
40) Benzene	8.310	78	376305	20.055	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.481	41	82838	19.738	ug/l #	84
42) 1,2-Dichloroethane	8.375	62	129981	20.240	ug/l	97
43) Isopropyl Acetate	8.416	43	274056	20.869	ug/l #	91
44) Trichloroethene	9.075	130	78691	18.995	ug/l	88
45) 1,2-Dichloropropane	9.351	63	96852	19.459	ug/l	96
46) Dibromomethane	9.439	93	63458	18.471	ug/l	89
47) Bromodichloromethane	9.628	83	123673	19.592	ug/l	91
48) Methyl methacrylate	9.428	41	113706	18.899	ug/l #	86
49) 1,4-Dioxane	9.434	88	45278	406.915	ug/l #	90
51) 4-Methyl-2-Pentanone	10.204	43	940447	99.401	ug/l	89
52) Toluene	10.375	92	224657	19.680	ug/l	95
53) t-1,3-Dichloropropene	10.598	75	126277	20.297	ug/l	97
54) cis-1,3-Dichloropropene	10.057	75	145103	20.852	ug/l	90
55) 1,1,2-Trichloroethane	10.775	97	93407	20.340	ug/l	95
56) Ethyl methacrylate	10.633	69	139861	19.348	ug/l #	73
57) 1,3-Dichloropropane	10.922	76	163581	19.827	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.910	63	275742	98.914	ug/l	91
59) 2-Hexanone	10.963	43	712793	100.549	ug/l	89
60) Dibromochloromethane	11.110	129	83522	19.883	ug/l	98
61) 1,2-Dibromoethane	11.222	107	87533	19.278	ug/l	97
64) Tetrachloroethene	10.845	164	62098	19.804	ug/l	95
65) Chlorobenzene	11.645	112	231586	19.845	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.716	131	79194	20.569	ug/l	97
67) Ethyl Benzene	11.722	91	436063	20.051	ug/l	97
68) m/p-Xylenes	11.827	106	329169	40.614	ug/l	100
69) o-Xylene	12.157	106	159450	19.602	ug/l	95
70) Styrene	12.169	104	263561	18.861	ug/l	97
71) Bromoform	12.327	173	56409	21.597	ug/l #	97
73) Isopropylbenzene	12.457	105	415729	20.315	ug/l	97
74) N-amyl acetate	12.269	43	213641	21.120	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.704	83	159194	20.397	ug/l	99
76) 1,2,3-Trichloropropane	12.751	75	105690m	19.779	ug/l	
77) Bromobenzene	12.733	156	86009	19.661	ug/l	83
78) n-propylbenzene	12.792	91	483709	20.646	ug/l	94
79) 2-Chlorotoluene	12.880	91	278213	20.153	ug/l	100
80) 1,3,5-Trimethylbenzene	12.933	105	342453	20.964	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.504	75	37766	19.700	ug/l #	83
82) 4-Chlorotoluene	12.980	91	259328	19.422	ug/l	98
83) tert-Butylbenzene	13.198	119	289825	19.831	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	341122	21.683	ug/l	99
85) sec-Butylbenzene	13.374	105	422519	20.277	ug/l	95
86) p-Isopropyltoluene	13.492	119	330347	20.681	ug/l	97
87) 1,3-Dichlorobenzene	13.486	146	157235	18.914	ug/l	98
88) 1,4-Dichlorobenzene	13.569	146	162378	19.937	ug/l	98
89) n-Butylbenzene	13.821	91	273570	18.963	ug/l	95
90) Hexachloroethane	14.080	117	53389	19.709	ug/l	80
91) 1,2-Dichlorobenzene	13.857	146	164544	20.348	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.474	75	27591	19.203	ug/l	92
93) 1,2,4-Trichlorobenzene	15.127	180	75444	21.159	ug/l	97
94) Hexachlorobutadiene	15.233	225	33680	18.681	ug/l	93
95) Naphthalene	15.363	128	287835	21.244	ug/l	99
96) 1,2,3-Trichlorobenzene	15.557	180	76337	20.288	ug/l	98

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

