

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090324\
 Data File : VN083614.D
 Acq On : 03 Sep 2024 09:43
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 04 02:52:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/04/2024
 Supervised By : Mahesh Dadoda 09/04/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	192198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	324833	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	283224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	143146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	140569	52.331	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.660%			
35) Dibromofluoromethane	8.165	113	102581	52.468	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.940%			
50) Toluene-d8	10.565	98	385076	50.509	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.020%			
62) 4-Bromofluorobenzene	12.847	95	147686	52.364	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	101439	49.868	ug/l	100
3) Chloromethane	2.359	50	108186	45.657	ug/l	95
4) Vinyl Chloride	2.518	62	110210	46.474	ug/l	98
5) Bromomethane	2.906	94	58249	46.724	ug/l	99
6) Chloroethane	3.077	64	69042	44.553	ug/l	99
7) Trichlorofluoromethane	3.471	101	184442	47.229	ug/l	100
8) Diethyl Ether	3.959	74	64923	46.504	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.353	101	103460	48.850	ug/l	99
10) Methyl Iodide	4.577	142	136441	47.625	ug/l	95
11) Tert butyl alcohol	5.530	59	92472	220.792	ug/l	100
12) 1,1-Dichloroethene	4.330	96	98044	46.564	ug/l	94
13) Acrolein	4.171	56	70415	177.710	ug/l	98
14) Allyl chloride	5.018	41	175950	46.869	ug/l	98
15) Acrylonitrile	5.718	53	242212	234.504	ug/l	100
16) Acetone	4.424	43	266723	248.998	ug/l	97
17) Carbon Disulfide	4.700	76	265418	43.257	ug/l	100
18) Methyl Acetate	5.018	43	116864	41.023	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	357974	47.929	ug/l	99
20) Methylene Chloride	5.265	84	108796	45.993	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	100368	45.762	ug/l	91
22) Diisopropyl ether	6.665	45	360275	48.670	ug/l	99
23) Vinyl Acetate	6.594	43	1333449	243.075	ug/l	99
24) 1,1-Dichloroethane	6.559	63	199290	47.210	ug/l	99
25) 2-Butanone	7.482	43	347250	238.095	ug/l	100
26) 2,2-Dichloropropane	7.482	77	195801	49.819	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	125044	47.778	ug/l	100
28) Bromochloromethane	7.806	49	93912	47.641	ug/l	98
29) Tetrahydrofuran	7.835	42	207261	229.108	ug/l	99
30) Chloroform	7.959	83	213440	47.991	ug/l	99
31) Cyclohexane	8.253	56	179396	43.175	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	201431	50.087	ug/l	98
36) 1,1-Dichloropropene	8.371	75	147895	49.593	ug/l	99
37) Ethyl Acetate	7.559	43	140319	47.279	ug/l	97
38) Carbon Tetrachloride	8.359	117	174391	51.254	ug/l	98
39) Methylcyclohexane	9.600	83	182745	51.068	ug/l	95
40) Benzene	8.606	78	450315	49.088	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	75198	44.400	ug/l	95
42) 1,2-Dichloroethane	8.665	62	166495	48.962	ug/l	100
43) Isopropyl Acetate	8.688	43	247078	41.280	ug/l	97
44) Trichloroethene	9.353	130	105013	47.586	ug/l	98
45) 1,2-Dichloropropane	9.618	63	108128	50.598	ug/l	96
46) Dibromomethane	9.706	93	77545	49.186	ug/l	99
47) Bromodichloromethane	9.888	83	170692	50.861	ug/l	100
48) Methyl methacrylate	9.676	41	120977	49.697	ug/l	100
49) 1,4-Dioxane	9.700	88	37485	939.761	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	673955	244.256	ug/l	99
52) Toluene	10.629	92	285609	49.780	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	178119	51.268	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	187047	51.292	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	102768	50.185	ug/l	96
56) Ethyl methacrylate	10.870	69	172204	50.832	ug/l	99
57) 1,3-Dichloropropane	11.165	76	178151	49.139	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	389074	264.315	ug/l	100
59) 2-Hexanone	11.194	43	511923	247.220	ug/l	98
60) Dibromochloromethane	11.359	129	123673	52.121	ug/l	100
61) 1,2-Dibromoethane	11.465	107	104003	49.711	ug/l	100
64) Tetrachloroethene	11.100	164	87643	47.078	ug/l	96
65) Chlorobenzene	11.888	112	299749	47.192	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	107802	50.269	ug/l	98
67) Ethyl Benzene	11.965	91	555001	48.951	ug/l	98
68) m/p-Xylenes	12.070	106	412993	96.692	ug/l	100
69) o-Xylene	12.394	106	202874	49.144	ug/l	99
70) Styrene	12.412	104	336975	48.548	ug/l	99
71) Bromoform	12.576	173	79724	52.193	ug/l #	99
73) Isopropylbenzene	12.694	105	532855	45.992	ug/l	100
74) N-amyl acetate	12.494	43	223973	44.538	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	144062	43.799	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	123944m	42.886	ug/l	
77) Bromobenzene	12.976	156	118571	43.622	ug/l	99
78) n-propylbenzene	13.035	91	619610	46.255	ug/l	100
79) 2-Chlorotoluene	13.123	91	379931	43.770	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	447741	45.874	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	55746	45.494	ug/l	97
82) 4-Chlorotoluene	13.223	91	384130	43.561	ug/l	100
83) tert-Butylbenzene	13.435	119	399166	46.000	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	454762	46.290	ug/l	100
85) sec-Butylbenzene	13.617	105	535955	46.469	ug/l	100
86) p-Isopropyltoluene	13.729	119	450283	46.742	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	229901	43.571	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	225717	41.632	ug/l	99
89) n-Butylbenzene	14.053	91	392452	46.314	ug/l	99
90) Hexachloroethane	14.329	117	87406	46.614	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	223208	43.927	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30903	43.321	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	123724	42.938	ug/l	99
94) Hexachlorobutadiene	15.500	225	50226	43.526	ug/l	100
95) Naphthalene	15.641	128	394165	42.576	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	116252	40.387	ug/l	98

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

