

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080823\
 Data File : VN078791.D
 Acq On : 08 Aug 2023 10:05
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Aug 09 02:46:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080723W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 05:03:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/09/2023
 Supervised By : Semsettin Yesilyurt 08/09/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	176131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	317067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	280516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	133167	50.433	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.860%			
35) Dibromofluoromethane	8.177	113	106602	49.786	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.580%			
50) Toluene-d8	10.571	98	415815	52.771	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.540%			
62) 4-Bromofluorobenzene	12.853	95	131263	55.741	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	113653	43.725	ug/l	95
3) Chloromethane	2.371	50	130651	43.091	ug/l	96
4) Vinyl Chloride	2.524	62	125466	43.826	ug/l	92
5) Bromomethane	2.954	94	84100	41.479	ug/l	100
6) Chloroethane	3.124	64	80619	42.828	ug/l	93
7) Trichlorofluoromethane	3.506	101	172074	43.758	ug/l	99
8) Diethyl Ether	3.971	74	63409	44.191	ug/l #	57
9) 1,1,2-Trichlorotrifluo...	4.377	101	95944	46.841	ug/l	98
10) Methyl Iodide	4.600	142	124344	47.276	ug/l	98
11) Tert butyl alcohol	5.536	59	91301	197.019	ug/l	99
12) 1,1-Dichloroethene	4.353	96	88595	43.040	ug/l #	79
13) Acrolein	4.189	56	96089	245.066	ug/l	97
14) Allyl chloride	5.036	41	159188	46.446	ug/l #	87
15) Acrylonitrile	5.730	53	269089	222.974	ug/l	99
16) Acetone	4.436	43	249590	245.673	ug/l	93
17) Carbon Disulfide	4.724	76	255722	43.550	ug/l	100
18) Methyl Acetate	5.030	43	197362	43.253	ug/l #	82
19) Methyl tert-butyl Ether	5.806	73	327529	47.103	ug/l	97
20) Methylene Chloride	5.283	84	110474	43.906	ug/l #	74
21) trans-1,2-Dichloroethene	5.795	96	101610	44.111	ug/l #	74
22) Diisopropyl ether	6.683	45	385295	46.793	ug/l #	90
23) Vinyl Acetate	6.612	43	1405998m	272.099	ug/l	
24) 1,1-Dichloroethane	6.577	63	200983	44.887	ug/l	97
25) 2-Butanone	7.494	43	387575	225.285	ug/l #	79
26) 2,2-Dichloropropane	7.500	77	168547	53.904	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	124123	46.933	ug/l	90
28) Bromochloromethane	7.818	49	123719	50.992	ug/l #	71
29) Tetrahydrofuran	7.841	42	258018	224.121	ug/l #	70
30) Chloroform	7.971	83	200594	44.483	ug/l	95
31) Cyclohexane	8.265	56	178865	46.103	ug/l	84
32) 1,1,1-Trichloroethane	8.177	97	179688	46.879	ug/l	94
36) 1,1-Dichloropropene	8.377	75	156555	47.129	ug/l	94
37) Ethyl Acetate	7.571	43	165604	46.888	ug/l #	88
38) Carbon Tetrachloride	8.371	117	150916	44.070	ug/l	88
39) Methylcyclohexane	9.606	83	143877	46.371	ug/l	90
40) Benzene	8.612	78	455484	45.333	ug/l	99

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 Quant Title : SW846 8260
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Manual Integrations APPROVED

Reviewed By :John Carlone 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	82247	41.882	ug/l #	83
42) 1,2-Dichloroethane	8.677	62	159564	44.184	ug/l	98
43) Isopropyl Acetate	8.694	43	266431	44.743	ug/l #	89
44) Trichloroethene	9.359	130	110529	44.917	ug/l	99
45) 1,2-Dichloropropane	9.630	63	119562	44.390	ug/l	93
46) Dibromomethane	9.712	93	82468	46.003	ug/l	97
47) Bromodichloromethane	9.894	83	167008	46.806	ug/l	98
48) Methyl methacrylate	9.688	41	121389	44.119	ug/l #	82
49) 1,4-Dioxane	9.700	88	39107	875.300	ug/l #	88
51) 4-Methyl-2-Pentanone	10.453	43	812269	222.699	ug/l #	85
52) Toluene	10.635	92	282502	46.039	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	177894	48.795	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	191638	48.383	ug/l #	89
55) 1,1,2-Trichloroethane	11.024	97	112031	45.931	ug/l	98
56) Ethyl methacrylate	10.882	69	167433	47.338	ug/l #	73
57) 1,3-Dichloropropane	11.171	76	192037	45.286	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	312940	246.449	ug/l	92
59) 2-Hexanone	11.200	43	584977	226.502	ug/l	83
60) Dibromochloromethane	11.365	129	121398	47.422	ug/l	100
61) 1,2-Dibromoethane	11.471	107	107420	44.465	ug/l	100
64) Tetrachloroethene	11.106	164	98609	45.623	ug/l	93
65) Chlorobenzene	11.894	112	289219	45.273	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	113001	45.671	ug/l	97
67) Ethyl Benzene	11.971	91	526158	46.240	ug/l	99
68) m/p-Xylenes	12.076	106	405766	96.656	ug/l	100
69) o-Xylene	12.400	106	191633	46.503	ug/l	95
70) Styrene	12.418	104	320367	49.535	ug/l	99
71) Bromoform	12.582	173	77877	45.126	ug/l #	99
73) Isopropylbenzene	12.700	105	488773	42.368	ug/l	100
74) N-amyl acetate	12.500	43	213886	40.871	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	157182	40.092	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	123703m	39.034	ug/l	
77) Bromobenzene	12.982	156	114284	42.220	ug/l	98
78) n-propylbenzene	13.041	91	555507	43.811	ug/l	98
79) 2-Chlorotoluene	13.129	91	333618	40.954	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	393114	42.537	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	56777	48.074	ug/l	84
82) 4-Chlorotoluene	13.229	91	321279	43.112	ug/l	98
83) tert-Butylbenzene	13.441	119	316773	41.155	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	393060	44.255	ug/l	100
85) sec-Butylbenzene	13.623	105	438051	43.524	ug/l	99
86) p-Isopropyltoluene	13.735	119	350952	43.854	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	192837	44.605	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	189383	44.191	ug/l	100
89) n-Butylbenzene	14.059	91	272015	45.301	ug/l	98
90) Hexachloroethane	14.335	117	69652	41.993	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	186454	44.770	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24473	40.695	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	59172	50.566	ug/l	98
94) Hexachlorobutadiene	15.506	225	35071	48.758	ug/l	97
95) Naphthalene	15.647	128	176034	45.068	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	61913	44.432	ug/l	95

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Quant Title : SW846 8260
QLast Update : Tue Aug 08 05:03:52 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

