

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020124\
 Data File : VN080870.D
 Acq On : 01 Feb 2024 17:15
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/02/2024
 Supervised By : Semsettin Yesilyurt 02/02/2024

Quant Time: Feb 02 03:44:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	109864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	223883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	194630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	79258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	98397	51.771	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.540%			
35) Dibromofluoromethane	8.165	113	66789	48.761	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.520%			
50) Toluene-d8	10.565	98	277514	51.765	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.540%			
62) 4-Bromofluorobenzene	12.853	95	102355	54.789	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.580%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.118	85	74762	45.815	ug/l	93
3) Chloromethane	2.360	50	120679	49.198	ug/l	98
4) Vinyl Chloride	2.512	62	94964	50.923	ug/l	96
5) Bromomethane	2.930	94	37981	50.919	ug/l	98
6) Chloroethane	3.101	64	54235	54.550	ug/l	95
7) Trichlorofluoromethane	3.489	101	111843	46.340	ug/l	97
8) Diethyl Ether	3.959	74	56781	50.999	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	65625	46.629	ug/l	98
10) Methyl Iodide	4.583	142	52950	44.568	ug/l	97
11) Tert butyl alcohol	5.518	59	75591	243.982	ug/l #	89
12) 1,1-Dichloroethene	4.336	96	71287	46.227	ug/l	92
13) Acrolein	4.171	56	93856	240.225	ug/l	100
14) Allyl chloride	5.018	41	148097	48.586	ug/l	99
15) Acrylonitrile	5.712	53	237123	254.481	ug/l	98
16) Acetone	4.424	43	168970	245.132	ug/l	93
17) Carbon Disulfide	4.712	76	211900	44.137	ug/l	97
18) Methyl Acetate	5.018	43	126848	52.803	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	273162	50.271	ug/l	96
20) Methylene Chloride	5.271	84	87041	48.104	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	77641	46.342	ug/l	96
22) Diisopropyl ether	6.671	45	355576	52.870	ug/l	98
23) Vinyl Acetate	6.600	43	1479826	304.098	ug/l	99
24) 1,1-Dichloroethane	6.565	63	198876	58.306	ug/l	98
25) 2-Butanone	7.483	43	319450	243.991	ug/l	92
26) 2,2-Dichloropropane	7.489	77	135282	49.071	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	93703	48.316	ug/l	98
28) Bromochloromethane	7.812	49	92201	51.057	ug/l	97
29) Tetrahydrofuran	7.841	42	223190	251.927	ug/l	97
30) Chloroform	7.965	83	158279	49.949	ug/l	95
31) Cyclohexane	8.253	56	143718	44.097	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	126140	49.088	ug/l	98
36) 1,1-Dichloropropene	8.371	75	122746	48.214	ug/l	96
37) Ethyl Acetate	7.559	43	133559	50.961	ug/l	100
38) Carbon Tetrachloride	8.359	117	98267	47.906	ug/l	97
39) Methylcyclohexane	9.594	83	117609	46.477	ug/l	97
40) Benzene	8.606	78	379120	50.667	ug/l	94

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	74608	48.301	ug/l	97
42) 1,2-Dichloroethane	8.665	62	129904	53.289	ug/l	98
43) Isopropyl Acetate	8.688	43	247057	51.777	ug/l	96
44) Trichloroethene	9.353	130	74045	44.928	ug/l	91
45) 1,2-Dichloropropane	9.618	63	108563	53.613	ug/l	98
46) Dibromomethane	9.706	93	59947	49.940	ug/l	98
47) Bromodichloromethane	9.888	83	121793	49.974	ug/l #	97
48) Methyl methacrylate	9.683	41	107205	46.345	ug/l	97
49) 1,4-Dioxane	9.694	88	31752	1139.545	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	691217	259.137	ug/l	98
52) Toluene	10.630	92	219573	51.180	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	147219	51.854	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	161240	52.225	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	86286	52.333	ug/l	94
56) Ethyl methacrylate	10.877	69	142531	56.234	ug/l	98
57) 1,3-Dichloropropane	11.165	76	155447	50.096	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	401489	271.720	ug/l	99
59) 2-Hexanone	11.194	43	506042	244.235	ug/l	98
60) Dibromochloromethane	11.359	129	78344	51.085	ug/l	98
61) 1,2-Dibromoethane	11.465	107	80349	51.999	ug/l	97
64) Tetrachloroethene	11.106	164	56337	44.038	ug/l	98
65) Chlorobenzene	11.894	112	207781	48.915	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	79304	57.412	ug/l	98
67) Ethyl Benzene	11.965	91	436070	55.234	ug/l	99
68) m/p-Xylenes	12.071	106	280873	100.176	ug/l	88
69) o-Xylene	12.400	106	138110	49.573	ug/l	91
70) Styrene	12.412	104	233555	52.199	ug/l	94
71) Bromoform	12.576	173	51652	55.303	ug/l #	97
73) Isopropylbenzene	12.694	105	350052	48.229	ug/l	100
74) N-amyl acetate	12.494	43	222937	49.472	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	113501	44.456	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	111861m	46.795	ug/l	
77) Bromobenzene	12.976	156	72646	46.822	ug/l	92
78) n-propylbenzene	13.035	91	436989	50.397	ug/l	98
79) 2-Chlorotoluene	13.124	91	276728	50.213	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	296742	51.336	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	41074	44.266	ug/l #	77
82) 4-Chlorotoluene	13.224	91	272792	49.989	ug/l	95
83) tert-Butylbenzene	13.441	119	229126	49.637	ug/l	91
84) 1,2,4-Trimethylbenzene	13.482	105	298940	51.044	ug/l	98
85) sec-Butylbenzene	13.618	105	331756	48.749	ug/l	98
86) p-Isopropyltoluene	13.729	119	272538	51.534	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	132328	47.683	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	135290	48.626	ug/l	97
89) n-Butylbenzene	14.059	91	254656	49.206	ug/l	100
90) Hexachloroethane	14.335	117	48077	51.953	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	127519	50.204	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26110	54.713	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	65922	50.425	ug/l	98
94) Hexachlorobutadiene	15.500	225	26853	47.016	ug/l	95
95) Naphthalene	15.647	128	237109	47.398	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	59518	46.317	ug/l	96

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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

