

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020124\
 Data File : VN080857.D
 Acq On : 01 Feb 2024 09:35
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 02 03:30:39 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	125627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	248440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	238433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	89903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	104865	48.251	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.500%		
35) Dibromofluoromethane	8.165	113	78263	51.490	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.980%		
50) Toluene-d8	10.565	98	301166	50.624	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.240%		
62) 4-Bromofluorobenzene	12.853	95	102814	49.595	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	84314	45.186	ug/l	95
3) Chloromethane	2.359	50	131113	46.745	ug/l	99
4) Vinyl Chloride	2.512	62	102411	48.026	ug/l	93
5) Bromomethane	2.953	94	43094	50.525	ug/l	97
6) Chloroethane	3.118	64	58416	51.383	ug/l	94
7) Trichlorofluoromethane	3.495	101	129937	47.082	ug/l	91
8) Diethyl Ether	3.959	74	59565	46.786	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	74109	46.050	ug/l	97
10) Methyl Iodide	4.589	142	62054	45.677	ug/l	93
11) Tert butyl alcohol	5.518	59	77849	219.742	ug/l	100
12) 1,1-Dichloroethene	4.342	96	78696	44.628	ug/l	100
13) Acrolein	4.171	56	104392	233.666	ug/l	98
14) Allyl chloride	5.018	41	163887	47.020	ug/l	98
15) Acrylonitrile	5.712	53	270723	254.085	ug/l	99
16) Acetone	4.418	43	174811	221.784	ug/l	98
17) Carbon Disulfide	4.718	76	232981	42.439	ug/l	99
18) Methyl Acetate	5.024	43	130008	47.328	ug/l	98
19) Methyl tert-butyl Ether	5.788	73	342296	55.090	ug/l	97
20) Methylene Chloride	5.271	84	94879	45.856	ug/l	89
21) trans-1,2-Dichloroethene	5.783	96	97998	51.153	ug/l	91
22) Diisopropyl ether	6.671	45	384813	50.037	ug/l	98
23) Vinyl Acetate	6.600	43	1454347	261.362	ug/l	100
24) 1,1-Dichloroethane	6.565	63	193594	49.636	ug/l	98
25) 2-Butanone	7.482	43	337215	225.242	ug/l	96
26) 2,2-Dichloropropane	7.488	77	151553	48.076	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	105219	47.446	ug/l	95
28) Bromochloromethane	7.812	49	93369	45.216	ug/l	100
29) Tetrahydrofuran	7.835	42	221880	219.024	ug/l	98
30) Chloroform	7.965	83	169732	46.842	ug/l	98
31) Cyclohexane	8.253	56	165859	44.505	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	139372	47.432	ug/l	96
36) 1,1-Dichloropropene	8.371	75	138064	48.870	ug/l	98
37) Ethyl Acetate	7.559	43	134114	46.115	ug/l	98
38) Carbon Tetrachloride	8.359	117	110248	48.434	ug/l	100
39) Methylcyclohexane	9.600	83	136390	48.571	ug/l	90
40) Benzene	8.606	78	419052	50.468	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	78688	45.907	ug/l	95
42) 1,2-Dichloroethane	8.671	62	136918	50.615	ug/l	100
43) Isopropyl Acetate	8.682	43	250664	47.341	ug/l	99
44) Trichloroethene	9.353	130	86229	47.149	ug/l	98
45) 1,2-Dichloropropane	9.624	63	117002	52.069	ug/l	99
46) Dibromomethane	9.712	93	64463	48.394	ug/l	99
47) Bromodichloromethane	9.888	83	137467	50.830	ug/l	100
48) Methyl methacrylate	9.682	41	112947	44.001	ug/l	96
49) 1,4-Dioxane	9.694	88	29112	941.525	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	722320	244.030	ug/l	97
52) Toluene	10.629	92	245375	51.541	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	161020	51.109	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	177251	51.737	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	90438	49.430	ug/l	96
56) Ethyl methacrylate	10.876	69	157334	55.938	ug/l	98
57) 1,3-Dichloropropane	11.165	76	171843	49.906	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	419215	255.673	ug/l	99
59) 2-Hexanone	11.194	43	552149	240.147	ug/l	97
60) Dibromochloromethane	11.359	129	87478	51.402	ug/l	98
61) 1,2-Dibromoethane	11.470	107	83513	48.704	ug/l	94
64) Tetrachloroethene	11.106	164	67680	43.186	ug/l	91
65) Chlorobenzene	11.894	112	249201	47.888	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	84040	49.663	ug/l	98
67) Ethyl Benzene	11.965	91	481198	49.752	ug/l	96
68) m/p-Xylenes	12.070	106	338818	98.642	ug/l	95
69) o-Xylene	12.400	106	163909	48.025	ug/l	98
70) Styrene	12.412	104	268242	48.937	ug/l	99
71) Bromoform	12.582	173	49271	43.062	ug/l #	94
73) Isopropylbenzene	12.700	105	388827	47.228	ug/l	99
74) N-amyl acetate	12.494	43	230105	45.017	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	129494	44.714	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	115292m	42.520	ug/l	
77) Bromobenzene	12.982	156	80494	45.738	ug/l	97
78) n-propylbenzene	13.035	91	485488	49.360	ug/l	99
79) 2-Chlorotoluene	13.123	91	290555	46.479	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	320435	48.871	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	47717	45.336	ug/l	96
82) 4-Chlorotoluene	13.223	91	289185	46.719	ug/l	97
83) tert-Butylbenzene	13.441	119	247814	47.328	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	316482	47.640	ug/l	97
85) sec-Butylbenzene	13.617	105	380231	49.257	ug/l	98
86) p-Isopropyltoluene	13.729	119	296586	49.440	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	148101	47.048	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	147360	46.693	ug/l	99
89) n-Butylbenzene	14.059	91	293728	50.036	ug/l	99
90) Hexachloroethane	14.335	117	50155	47.782	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	143349	49.754	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22673	41.885	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	72298	48.754	ug/l	100
94) Hexachlorobutadiene	15.506	225	29715	45.867	ug/l	97
95) Naphthalene	15.641	128	253641	44.699	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	67865	46.560	ug/l	99

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

