

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083740.D
 Acq On : 10 Sep 2024 00:35
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/10/2024
 Supervised By : Mahesh Dadoda 09/10/2024

Quant Time: Sep 10 02:22:57 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	144426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	257456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	229788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116891	57.910	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.820%			
35) Dibromofluoromethane	8.165	113	84863	54.765	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.540%			
50) Toluene-d8	10.565	98	308143	50.984	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.960%			
62) 4-Bromofluorobenzene	12.847	95	123412	55.209	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	84502	55.283	ug/l	97
3) Chloromethane	2.359	50	87477	49.128	ug/l	97
4) Vinyl Chloride	2.518	62	90719	50.908	ug/l	97
5) Bromomethane	2.901	94	49943	53.313	ug/l	100
6) Chloroethane	3.053	64	61237	52.588	ug/l	100
7) Trichlorofluoromethane	3.453	101	154558	52.668	ug/l	97
8) Diethyl Ether	3.953	74	53425	50.926	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.353	101	80908	50.838	ug/l	98
10) Methyl Iodide	4.571	142	103380	48.021	ug/l	96
11) Tert butyl alcohol	5.553	59	80187	254.789	ug/l	100
12) 1,1-Dichloroethene	4.318	96	78807	49.808	ug/l	99
13) Acrolein	4.171	56	70719	237.513	ug/l	96
14) Allyl chloride	5.006	41	138760	49.189	ug/l	98
15) Acrylonitrile	5.718	53	204062	262.917	ug/l	100
16) Acetone	4.430	43	171404	212.941	ug/l	96
17) Carbon Disulfide	4.694	76	212323	46.049	ug/l	99
18) Methyl Acetate	5.018	43	100474	46.936	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	287564	51.238	ug/l	98
20) Methylene Chloride	5.265	84	88453	49.762	ug/l	91
21) trans-1,2-Dichloroethene	5.777	96	79363	48.154	ug/l	89
22) Diisopropyl ether	6.671	45	294059	52.865	ug/l	96
23) Vinyl Acetate	6.600	43	1107085	268.564	ug/l	100
24) 1,1-Dichloroethane	6.559	63	161585	50.939	ug/l	98
25) 2-Butanone	7.483	43	271729	247.940	ug/l	97
26) 2,2-Dichloropropane	7.483	77	124524	42.163	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	99847	50.770	ug/l	98
28) Bromochloromethane	7.806	49	73273	49.466	ug/l	96
29) Tetrahydrofuran	7.835	42	179848	264.565	ug/l	98
30) Chloroform	7.959	83	172928	51.743	ug/l	95
31) Cyclohexane	8.253	56	147305	47.178	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	162690	53.834	ug/l	99
36) 1,1-Dichloropropene	8.365	75	118845	50.281	ug/l	97
37) Ethyl Acetate	7.559	43	117432	49.923	ug/l	99
38) Carbon Tetrachloride	8.359	117	138090	51.206	ug/l	98
39) Methylcyclohexane	9.594	83	137385	48.439	ug/l	97
40) Benzene	8.600	78	365721	50.300	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	67733	50.459	ug/l	97
42) 1,2-Dichloroethane	8.665	62	140149	52.000	ug/l	99
43) Isopropyl Acetate	8.688	43	204630	43.189	ug/l	97
44) Trichloroethene	9.347	130	82723	47.296	ug/l	90
45) 1,2-Dichloropropane	9.618	63	88450	52.222	ug/l	97
46) Dibromomethane	9.706	93	63169	50.553	ug/l	98
47) Bromodichloromethane	9.888	83	136647	51.372	ug/l	96
48) Methyl methacrylate	9.682	41	98055	50.822	ug/l	98
49) 1,4-Dioxane	9.694	88	31762	1004.673	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	571326	261.250	ug/l	98
52) Toluene	10.629	92	227751	50.085	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	135379	49.164	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	141032	48.795	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	83415	51.394	ug/l	99
56) Ethyl methacrylate	10.871	69	135883	50.608	ug/l	95
57) 1,3-Dichloropropane	11.159	76	146577	51.011	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	232412	199.207	ug/l	98
59) 2-Hexanone	11.194	43	423325	257.934	ug/l	98
60) Dibromochloromethane	11.359	129	97528	51.859	ug/l	99
61) 1,2-Dibromoethane	11.465	107	83745	50.504	ug/l	98
64) Tetrachloroethene	11.100	164	71670	47.451	ug/l	98
65) Chlorobenzene	11.888	112	235560	45.710	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	83797	48.162	ug/l	98
67) Ethyl Benzene	11.965	91	438188	47.635	ug/l	99
68) m/p-Xylenes	12.070	106	325792	94.014	ug/l	99
69) o-Xylene	12.394	106	160566	47.940	ug/l	99
70) Styrene	12.412	104	265434	47.134	ug/l	99
71) Bromoform	12.576	173	60965	49.193	ug/l #	99
73) Isopropylbenzene	12.694	105	420209	43.040	ug/l	100
74) N-amyl acetate	12.494	43	189324	44.676	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	120771	43.573	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	103533m	42.511	ug/l	
77) Bromobenzene	12.982	156	94136	41.097	ug/l	99
78) n-propylbenzene	13.035	91	476805	42.240	ug/l	100
79) 2-Chlorotoluene	13.123	91	297982	40.738	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	347291	42.225	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	37770	36.578	ug/l	94
82) 4-Chlorotoluene	13.217	91	300400	40.426	ug/l	100
83) tert-Butylbenzene	13.435	119	307244	42.017	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	354342	42.801	ug/l	100
85) sec-Butylbenzene	13.617	105	409769	42.161	ug/l	99
86) p-Isopropyltoluene	13.729	119	340002	41.883	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	180800	40.662	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	178753	39.124	ug/l	100
89) n-Butylbenzene	14.053	91	290130	40.631	ug/l	100
90) Hexachloroethane	14.335	117	67647	42.811	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	179840	41.999	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25113	41.777	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	88869	36.599	ug/l	100
94) Hexachlorobutadiene	15.500	225	36909	37.956	ug/l	99
95) Naphthalene	15.641	128	302624	38.790	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	91160	37.582	ug/l	98

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

