

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091124\
 Data File : VN083817.D
 Acq On : 11 Sep 2024 23:56
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/12/2024
 Supervised By : Mahesh Dadoda 09/12/2024

Quant Time: Sep 12 02:19:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	145158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	254589	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	235545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	106323	48.576	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.160%		
35) Dibromofluoromethane	8.165	113	77819	47.746	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.500%		
50) Toluene-d8	10.565	98	283647	50.341	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.680%		
62) 4-Bromofluorobenzene	12.847	95	115420	49.651	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	85766	50.876	ug/l	100
3) Chloromethane	2.359	50	88447	51.431	ug/l	99
4) Vinyl Chloride	2.512	62	93212	50.445	ug/l	98
5) Bromomethane	2.900	94	49338	46.505	ug/l	97
6) Chloroethane	3.053	64	62512	48.229	ug/l	100
7) Trichlorofluoromethane	3.459	101	153930	49.077	ug/l	98
8) Diethyl Ether	3.953	74	54556	51.890	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.347	101	81521	49.036	ug/l	99
10) Methyl Iodide	4.571	142	105222	49.766	ug/l	94
11) Tert butyl alcohol	5.547	59	92466	315.479	ug/l	99
12) 1,1-Dichloroethene	4.324	96	78026	49.697	ug/l	92
13) Acrolein	4.177	56	78286	270.708	ug/l	99
14) Allyl chloride	5.012	41	141998	50.757	ug/l	97
15) Acrylonitrile	5.718	53	221906	278.397	ug/l	99
16) Acetone	4.436	43	197194	224.741	ug/l	98
17) Carbon Disulfide	4.694	76	203321	46.295	ug/l	98
18) Methyl Acetate	5.018	43	108647	59.793	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	298009	52.454	ug/l	99
20) Methylene Chloride	5.265	84	88176	49.108	ug/l	92
21) trans-1,2-Dichloroethene	5.777	96	80037	47.568	ug/l	86
22) Diisopropyl ether	6.671	45	304386	52.855	ug/l	99
23) Vinyl Acetate	6.600	43	1171944	277.886	ug/l	98
24) 1,1-Dichloroethane	6.565	63	166438	50.165	ug/l	98
25) 2-Butanone	7.482	43	306357	265.649	ug/l	99
26) 2,2-Dichloropropane	7.488	77	127499	41.728	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	99156	49.643	ug/l	97
28) Bromochloromethane	7.812	49	77192	55.247	ug/l	97
29) Tetrahydrofuran	7.835	42	202464	296.911	ug/l	98
30) Chloroform	7.959	83	174629	49.577	ug/l	99
31) Cyclohexane	8.253	56	142311	44.987	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	163606	50.514	ug/l	99
36) 1,1-Dichloropropene	8.365	75	120797	49.242	ug/l	98
37) Ethyl Acetate	7.565	43	125406	56.318	ug/l	100
38) Carbon Tetrachloride	8.359	117	140245	50.392	ug/l	97
39) Methylcyclohexane	9.594	83	136036	48.718	ug/l	97
40) Benzene	8.600	78	368336	49.885	ug/l	100

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	72574	55.105	ug/l	99
42) 1,2-Dichloroethane	8.671	62	140536	50.937	ug/l	99
43) Isopropyl Acetate	8.688	43	264172	65.468	ug/l	96
44) Trichloroethene	9.353	130	83511	48.841	ug/l	96
45) 1,2-Dichloropropane	9.623	63	89470	50.135	ug/l	95
46) Dibromomethane	9.706	93	65421	52.337	ug/l	99
47) Bromodichloromethane	9.888	83	140348	51.880	ug/l	99
48) Methyl methacrylate	9.676	41	109256	57.070	ug/l	97
49) 1,4-Dioxane	9.694	88	34486	1095.017	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	669322	304.718	ug/l	98
52) Toluene	10.629	92	231250	51.202	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	140754	51.331	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	145271	50.435	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	86102	51.066	ug/l	97
56) Ethyl methacrylate	10.876	69	153212	59.061	ug/l	97
57) 1,3-Dichloropropane	11.159	76	152365	52.578	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	324723	347.399	ug/l	98
59) 2-Hexanone	11.194	43	505104	310.866	ug/l	98
60) Dibromochloromethane	11.359	129	100672	53.351	ug/l	98
61) 1,2-Dibromoethane	11.470	107	87755	52.187	ug/l	100
64) Tetrachloroethene	11.100	164	68619	43.806	ug/l	97
65) Chlorobenzene	11.888	112	240542	45.948	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	86192	47.492	ug/l	99
67) Ethyl Benzene	11.965	91	442956	47.631	ug/l	97
68) m/p-Xylenes	12.070	106	323664	93.743	ug/l	98
69) o-Xylene	12.394	106	160913	48.142	ug/l	98
70) Styrene	12.412	104	273471	49.854	ug/l	100
71) Bromoform	12.576	173	63935	52.279	ug/l #	100
73) Isopropylbenzene	12.694	105	417170	45.020	ug/l	99
74) N-amyl acetate	12.494	43	230416	58.281	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	132580	48.696	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	129830m	53.720	ug/l	
77) Bromobenzene	12.976	156	93356	41.854	ug/l	95
78) n-propylbenzene	13.035	91	482611	44.763	ug/l	99
79) 2-Chlorotoluene	13.123	91	302922	44.055	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	347730	44.510	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	43810	47.477	ug/l	94
82) 4-Chlorotoluene	13.223	91	307669	44.589	ug/l	99
83) tert-Butylbenzene	13.435	119	307643	45.010	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	353198	45.007	ug/l	99
85) sec-Butylbenzene	13.617	105	420235	46.359	ug/l	99
86) p-Isopropyltoluene	13.729	119	348907	45.916	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	177104	42.072	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	182446	42.803	ug/l	100
89) n-Butylbenzene	14.053	91	308287	45.187	ug/l	99
90) Hexachloroethane	14.335	117	67039	43.888	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	183211	45.097	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29151	53.711	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	93663	42.963	ug/l	99
94) Hexachlorobutadiene	15.500	225	38240	41.303	ug/l	98
95) Naphthalene	15.641	128	347032	52.322	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	94482	45.347	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
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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

