

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090524\
 Data File : VN083688.D
 Acq On : 05 Sep 2024 20:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 06 06:47:19 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/06/2024
 Supervised By :Semsettin Yesilyurt 09/06/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	154229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	241723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121623	56.425	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.840%			
35) Dibromofluoromethane	8.165	113	86585	52.159	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.320%			
50) Toluene-d8	10.565	98	322536	49.841	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.680%			
62) 4-Bromofluorobenzene	12.847	95	124744	52.091	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	98702	60.468	ug/l	96
3) Chloromethane	2.359	50	100430	52.818	ug/l	97
4) Vinyl Chloride	2.512	62	107027	56.242	ug/l	100
5) Bromomethane	2.901	94	57840	57.819	ug/l	95
6) Chloroethane	3.071	64	70317	56.547	ug/l	93
7) Trichlorofluoromethane	3.465	101	173846	55.475	ug/l	96
8) Diethyl Ether	3.953	74	60590	54.085	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.353	101	92605	54.489	ug/l	99
10) Methyl Iodide	4.577	142	127540	55.478	ug/l	96
11) Tert butyl alcohol	5.536	59	94581	281.423	ug/l	100
12) 1,1-Dichloroethene	4.324	96	91773	54.316	ug/l	98
13) Acrolein	4.177	56	81343	255.830	ug/l	97
14) Allyl chloride	5.012	41	156137	51.830	ug/l	98
15) Acrylonitrile	5.718	53	231203	278.952	ug/l	100
16) Acetone	4.430	43	201230	234.105	ug/l	98
17) Carbon Disulfide	4.700	76	246273	50.018	ug/l	98
18) Methyl Acetate	5.024	43	111765	48.892	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	328649	54.836	ug/l	98
20) Methylene Chloride	5.271	84	100999	53.208	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	93289	53.006	ug/l	93
22) Diisopropyl ether	6.665	45	327815	55.188	ug/l	98
23) Vinyl Acetate	6.600	43	1246625	283.193	ug/l	99
24) 1,1-Dichloroethane	6.565	63	185680	54.815	ug/l	98
25) 2-Butanone	7.483	43	310341	265.173	ug/l	100
26) 2,2-Dichloropropane	7.483	77	131563	41.715	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	115350	54.925	ug/l	98
28) Bromochloromethane	7.812	49	79383	50.184	ug/l	100
29) Tetrahydrofuran	7.841	42	204472	281.669	ug/l	99
30) Chloroform	7.965	83	194517	54.504	ug/l	99
31) Cyclohexane	8.253	56	166022	49.793	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	185035	57.337	ug/l	99
36) 1,1-Dichloropropene	8.371	75	133068	52.553	ug/l	99
37) Ethyl Acetate	7.553	43	135273	53.680	ug/l	98
38) Carbon Tetrachloride	8.359	117	158693	54.930	ug/l	98
39) Methylcyclohexane	9.600	83	159869	52.616	ug/l	99
40) Benzene	8.606	78	416421	53.462	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	76560	53.239	ug/l	98
42) 1,2-Dichloroethane	8.671	62	156846	54.322	ug/l	100
43) Isopropyl Acetate	8.688	43	235461	46.479	ug/l	97
44) Trichloroethene	9.353	130	96697	51.606	ug/l	98
45) 1,2-Dichloropropane	9.618	63	99214	54.679	ug/l	99
46) Dibromomethane	9.706	93	73022	54.549	ug/l	99
47) Bromodichloromethane	9.888	83	156042	54.760	ug/l	99
48) Methyl methacrylate	9.683	41	112783	54.566	ug/l	98
49) 1,4-Dioxane	9.694	88	38807	1145.834	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	653423	278.908	ug/l	99
52) Toluene	10.630	92	262030	53.789	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	155336	52.657	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	164166	53.020	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	94492	54.345	ug/l	98
56) Ethyl methacrylate	10.871	69	162584	56.523	ug/l	97
57) 1,3-Dichloropropane	11.165	76	165548	53.780	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	249934	199.971	ug/l	100
59) 2-Hexanone	11.194	43	485320	276.031	ug/l	99
60) Dibromochloromethane	11.359	129	113430	56.301	ug/l	98
61) 1,2-Dibromoethane	11.471	107	97509	54.891	ug/l	98
64) Tetrachloroethene	11.100	164	81354	51.203	ug/l	99
65) Chlorobenzene	11.888	112	275919	50.898	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	96705	52.836	ug/l	98
67) Ethyl Benzene	11.965	91	507119	52.407	ug/l	100
68) m/p-Xylenes	12.071	106	375273	102.946	ug/l	99
69) o-Xylene	12.394	106	185167	52.556	ug/l	100
70) Styrene	12.412	104	311962	52.661	ug/l	100
71) Bromoform	12.576	173	71532	54.870	ug/l #	100
73) Isopropylbenzene	12.694	105	481985	49.359	ug/l	99
74) N-amyl acetate	12.494	43	216249	51.022	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	138703	50.035	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	117207m	48.118	ug/l	
77) Bromobenzene	12.976	156	108006	47.145	ug/l	100
78) n-propylbenzene	13.035	91	551883	48.883	ug/l	100
79) 2-Chlorotoluene	13.123	91	350643	47.930	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	410764	49.934	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	45742	44.292	ug/l	96
82) 4-Chlorotoluene	13.223	91	350943	47.220	ug/l	100
83) tert-Butylbenzene	13.435	119	359602	49.169	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	410497	49.577	ug/l	99
85) sec-Butylbenzene	13.618	105	476772	49.047	ug/l	99
86) p-Isopropyltoluene	13.729	119	393117	48.419	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	203122	45.675	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	205453	44.961	ug/l	99
89) n-Butylbenzene	14.059	91	326983	45.785	ug/l	98
90) Hexachloroethane	14.329	117	78195	49.479	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	206621	48.246	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29404	48.907	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	105394	43.398	ug/l	99
94) Hexachlorobutadiene	15.500	225	41142	42.303	ug/l	99
95) Naphthalene	15.641	128	357141	45.771	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	102266	42.154	ug/l	98

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

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