

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110724\
 Data File : VN084735.D
 Acq On : 07 Nov 2024 20:46
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 08 00:36:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 11/08/2024
 Supervised By : Mahesh Dadoda 11/08/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	194412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	320855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	289648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	150755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	123430	43.957	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.920%		
35) Dibromofluoromethane	8.159	113	102643	47.262	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.520%		
50) Toluene-d8	10.565	98	372871	46.608	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.220%		
62) 4-Bromofluorobenzene	12.847	95	144804	48.430	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	97703	43.717	ug/l	97
3) Chloromethane	2.359	50	105237	39.605	ug/l	97
4) Vinyl Chloride	2.512	62	103750	43.161	ug/l	97
5) Bromomethane	2.901	94	55553	43.619	ug/l	98
6) Chloroethane	3.065	64	65798	44.054	ug/l	97
7) Trichlorofluoromethane	3.465	101	180580	45.604	ug/l	97
8) Diethyl Ether	3.953	74	65701	47.036	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.359	101	103018	46.043	ug/l	98
10) Methyl Iodide	4.571	142	141525	47.327	ug/l	93
11) Tert butyl alcohol	5.542	59	85053	229.474	ug/l	100
12) 1,1-Dichloroethene	4.324	96	97237	43.920	ug/l	99
13) Acrolein	4.177	56	67864	183.617	ug/l	98
14) Allyl chloride	5.012	41	161371	44.944	ug/l	92
15) Acrylonitrile	5.718	53	254513	237.198	ug/l	99
16) Acetone	4.430	43	191684	236.164	ug/l	95
17) Carbon Disulfide	4.700	76	261526	38.358	ug/l	99
18) Methyl Acetate	5.018	43	128088	42.643	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	336038	49.520	ug/l	97
20) Methylene Chloride	5.265	84	112169	45.419	ug/l	91
21) trans-1,2-Dichloroethene	5.777	96	101025	44.439	ug/l	94
22) Diisopropyl ether	6.671	45	340077	47.668	ug/l	98
23) Vinyl Acetate	6.600	43	1174116	238.647	ug/l	98
24) 1,1-Dichloroethane	6.559	63	196198	45.806	ug/l	99
25) 2-Butanone	7.483	43	311966	238.141	ug/l	97
26) 2,2-Dichloropropane	7.483	77	157702	42.302	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	122937	46.313	ug/l	95
28) Bromochloromethane	7.812	49	91649	53.706	ug/l	93
29) Tetrahydrofuran	7.836	42	204300	235.077	ug/l	95
30) Chloroform	7.959	83	207345	47.561	ug/l	100
31) Cyclohexane	8.253	56	167857	43.299	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	187764	47.320	ug/l	96
36) 1,1-Dichloropropene	8.365	75	138223	45.890	ug/l	99
37) Ethyl Acetate	7.559	43	128466	47.009	ug/l	98
38) Carbon Tetrachloride	8.359	117	163152	48.461	ug/l	96
39) Methylcyclohexane	9.600	83	154321	50.363	ug/l	98
40) Benzene	8.600	78	446991	46.210	ug/l	99

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41) Methacrylonitrile	7.777	41	71332	48.539	ug/l	95
42) 1,2-Dichloroethane	8.665	62	148728	47.476	ug/l	99
43) Isopropyl Acetate	8.688	43	227690	45.003	ug/l	97
44) Trichloroethene	9.347	130	103171	46.248	ug/l	98
45) 1,2-Dichloropropane	9.618	63	108792	47.945	ug/l	97
46) Dibromomethane	9.706	93	76969	48.071	ug/l	97
47) Bromodichloromethane	9.883	83	162349	48.102	ug/l	99
48) Methyl methacrylate	9.677	41	107661	50.620	ug/l	96
49) 1,4-Dioxane	9.694	88	36833	977.284	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	663473	254.676	ug/l	98
52) Toluene	10.630	92	280091	49.510	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	163515	46.804	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	171591	46.406	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	104773	49.166	ug/l	95
56) Ethyl methacrylate	10.871	69	169988	55.147	ug/l	95
57) 1,3-Dichloropropane	11.159	76	179655	49.122	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	384869	266.831	ug/l	97
59) 2-Hexanone	11.194	43	495629	261.372	ug/l	98
60) Dibromochloromethane	11.359	129	123374	50.798	ug/l	98
61) 1,2-Dibromoethane	11.471	107	105229	48.221	ug/l	99
64) Tetrachloroethene	11.100	164	94874	49.243	ug/l	95
65) Chlorobenzene	11.888	112	299675	46.247	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	108839	48.289	ug/l	98
67) Ethyl Benzene	11.959	91	531101	49.101	ug/l	100
68) m/p-Xylenes	12.071	106	406695	99.316	ug/l	100
69) o-Xylene	12.394	106	195017	50.908	ug/l	99
70) Styrene	12.412	104	341724	51.137	ug/l	98
71) Bromoform	12.576	173	83666	49.331	ug/l #	98
73) Isopropylbenzene	12.694	105	505103	47.811	ug/l	100
74) N-amyl acetate	12.494	43	211389	47.012	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	149689	42.449	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	143838m	47.731	ug/l	
77) Bromobenzene	12.976	156	122917	43.280	ug/l	93
78) n-propylbenzene	13.035	91	585417	47.288	ug/l	98
79) 2-Chlorotoluene	13.123	91	371885	45.973	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	443176	50.614	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	54137	42.619	ug/l	97
82) 4-Chlorotoluene	13.218	91	374954	44.045	ug/l	98
83) tert-Butylbenzene	13.435	119	381180	52.600	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	441797	48.887	ug/l	100
85) sec-Butylbenzene	13.612	105	497662	48.617	ug/l	100
86) p-Isopropyltoluene	13.729	119	428015	50.984	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	232649	41.975	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	232805	45.676	ug/l	99
89) n-Butylbenzene	14.053	91	348230	44.344	ug/l	99
90) Hexachloroethane	14.329	117	80520	43.009	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	232163	43.590	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29803	41.719	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	117768	40.398	ug/l	99
94) Hexachlorobutadiene	15.500	225	51830	40.486	ug/l	98
95) Naphthalene	15.635	128	381492	43.720	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	115526	40.823	ug/l	100

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

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