

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112024\
 Data File : VN084985.D
 Acq On : 20 Nov 2024 21:46
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 21 00:51:47 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 11/21/2024
 Supervised By :Mahesh Dadoda 11/21/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	147117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	252043	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	231642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	98989	46.586	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.180%		
35) Dibromofluoromethane	8.165	113	76333	44.743	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.480%		
50) Toluene-d8	10.565	98	276464	43.992	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.980%		
62) 4-Bromofluorobenzene	12.847	95	116272	49.505	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	93763	55.441	ug/l	95
3) Chloromethane	2.359	50	102096	51.524	ug/l	97
4) Vinyl Chloride	2.512	62	98187	53.978	ug/l	100
5) Bromomethane	2.900	94	53533	55.545	ug/l	95
6) Chloroethane	3.059	64	64390	57.392	ug/l	93
7) Trichlorofluoromethane	3.459	101	164430	54.876	ug/l	99
8) Diethyl Ether	3.959	74	59279	56.082	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.347	101	92345	54.541	ug/l	99
10) Methyl Iodide	4.577	142	129133	57.066	ug/l	94
11) Tert butyl alcohol	5.541	59	101367	361.410	ug/l	99
12) 1,1-Dichloroethene	4.318	96	89577	53.467	ug/l	99
13) Acrolein	4.177	56	76593	273.856	ug/l	98
14) Allyl chloride	5.006	41	150741	55.481	ug/l	92
15) Acrylonitrile	5.718	53	257882	317.602	ug/l	99
16) Acetone	4.430	43	206332	337.153	ug/l	95
17) Carbon Disulfide	4.694	76	251188	48.686	ug/l	97
18) Methyl Acetate	5.018	43	129491	58.427	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	302548	58.918	ug/l	99
20) Methylene Chloride	5.265	84	102304	54.742	ug/l	88
21) trans-1,2-Dichloroethene	5.777	96	91527	53.204	ug/l	98
22) Diisopropyl ether	6.671	45	307141	56.891	ug/l	99
23) Vinyl Acetate	6.600	43	1176079	315.894	ug/l	98
24) 1,1-Dichloroethane	6.565	63	177051	54.624	ug/l	97
25) 2-Butanone	7.482	43	334599	337.529	ug/l	99
26) 2,2-Dichloropropane	7.482	77	137513	48.745	ug/l	97
27) cis-1,2-Dichloroethene	7.482	96	109886	54.705	ug/l	96
28) Bromochloromethane	7.812	49	62703	48.556	ug/l	92
29) Tetrahydrofuran	7.835	42	223212	339.405	ug/l	97
30) Chloroform	7.959	83	183717	55.688	ug/l	100
31) Cyclohexane	8.253	56	153481	52.318	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	171304	57.050	ug/l	98
36) 1,1-Dichloropropene	8.365	75	123862	52.350	ug/l	98
37) Ethyl Acetate	7.559	43	136332	63.508	ug/l	99
38) Carbon Tetrachloride	8.359	117	148373	56.103	ug/l	97
39) Methylcyclohexane	9.600	83	137174	56.989	ug/l	98
40) Benzene	8.600	78	404475	53.231	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	76915	66.627	ug/l	99
42) 1,2-Dichloroethane	8.665	62	136948	55.651	ug/l	100
43) Isopropyl Acetate	8.688	43	284340	72.124	ug/l	93
44) Trichloroethene	9.347	130	91468	52.196	ug/l	98
45) 1,2-Dichloropropane	9.618	63	96814	54.315	ug/l	95
46) Dibromomethane	9.706	93	70561	56.100	ug/l	99
47) Bromodichloromethane	9.882	83	146582	55.287	ug/l	95
48) Methyl methacrylate	9.676	41	107261	64.200	ug/l	98
49) 1,4-Dioxane	9.700	88	40851	1379.814	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	693441	338.851	ug/l	99
52) Toluene	10.629	92	248305	55.875	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	146872	53.518	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	154682	53.254	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	94055	56.186	ug/l	97
56) Ethyl methacrylate	10.876	69	156862	64.783	ug/l	98
57) 1,3-Dichloropropane	11.159	76	163035	56.748	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	346503	305.819	ug/l	97
59) 2-Hexanone	11.194	43	526039	353.146	ug/l	98
60) Dibromochloromethane	11.359	129	111190	58.280	ug/l	98
61) 1,2-Dibromoethane	11.465	107	98532	57.479	ug/l	99
64) Tetrachloroethene	11.100	164	79627	51.679	ug/l	97
65) Chlorobenzene	11.888	112	257302	49.651	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	98568	54.683	ug/l	96
67) Ethyl Benzene	11.965	91	471549	54.512	ug/l	100
68) m/p-Xylenes	12.070	106	362101	110.569	ug/l	98
69) o-Xylene	12.394	106	175316	57.226	ug/l	99
70) Styrene	12.412	104	292993	54.824	ug/l	99
71) Bromoform	12.576	173	75493	55.658	ug/l #	98
73) Isopropylbenzene	12.694	105	438473	50.388	ug/l	99
74) N-ethyl acetate	12.494	43	204266	55.151	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	144707	49.820	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	123936m	49.929	ug/l	
77) Bromobenzene	12.976	156	107358	45.892	ug/l	95
78) n-propylbenzene	13.035	91	502175	49.246	ug/l	98
79) 2-Chlorotoluene	13.123	91	318593	47.815	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	373416	51.774	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	50899	48.647	ug/l	100
82) 4-Chlorotoluene	13.217	91	322876	46.045	ug/l	99
83) tert-Butylbenzene	13.435	119	318423	53.345	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	379635	51.000	ug/l	99
85) sec-Butylbenzene	13.617	105	425223	50.431	ug/l	100
86) p-Isopropyltoluene	13.729	119	355921	51.470	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	192082	42.073	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	195268	46.540	ug/l	99
89) n-Butylbenzene	14.053	91	287540	44.452	ug/l	99
90) Hexachloroethane	14.335	117	69601	45.133	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	198590	45.267	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30660	52.104	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	92582	38.555	ug/l	99
94) Hexachlorobutadiene	15.500	225	43676	41.418	ug/l	95
95) Naphthalene	15.641	128	326191	45.383	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	92421	39.649	ug/l	99

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

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