

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083271.D
 Acq On : 13 Aug 2024 20:34
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 14 01:50:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2024
 Supervised By :Semsettin Yesilyurt 08/14/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	164704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	291815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	257347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	139848	59.653	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.300%			
35) Dibromofluoromethane	8.165	113	100841	55.363	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.720%			
50) Toluene-d8	10.565	98	379799	55.899	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.800%			
62) 4-Bromofluorobenzene	12.847	95	150035	56.641	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 113.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	88300	47.276	ug/l	95
3) Chloromethane	2.359	50	88779	46.427	ug/l	100
4) Vinyl Chloride	2.512	62	98115	50.285	ug/l	100
5) Bromomethane	2.936	94	45014	37.180	ug/l	96
6) Chloroethane	3.112	64	63408	51.943	ug/l	98
7) Trichlorofluoromethane	3.495	101	168444	52.258	ug/l	95
8) Diethyl Ether	3.965	74	60053	50.068	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.365	101	88736	49.932	ug/l	99
10) Methyl Iodide	4.589	142	91267	39.041	ug/l	95
11) Tert butyl alcohol	5.524	59	133498	274.008	ug/l	99
12) 1,1-Dichloroethene	4.342	96	86461	47.356	ug/l	94
13) Acrolein	4.177	56	75446	237.601	ug/l	98
14) Allyl chloride	5.024	41	144622	41.916	ug/l	93
15) Acrylonitrile	5.718	53	256795	256.281	ug/l	99
16) Acetone	4.430	43	216899	236.442	ug/l	97
17) Carbon Disulfide	4.712	76	224606	42.043	ug/l	98
18) Methyl Acetate	5.024	43	145233	53.137	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	335762	50.950	ug/l	98
20) Methylene Chloride	5.277	84	100425	47.567	ug/l	86
21) trans-1,2-Dichloroethene	5.783	96	92129	48.822	ug/l	91
22) Diisopropyl ether	6.677	45	335472	51.726	ug/l	97
23) Vinyl Acetate	6.606	43	1749604m	263.195	ug/l	
24) 1,1-Dichloroethane	6.565	63	183255	51.839	ug/l	98
25) 2-Butanone	7.482	43	352321	250.129	ug/l	93
26) 2,2-Dichloropropane	7.494	77	133660	40.714	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	115208	50.594	ug/l	91
28) Bromochloromethane	7.812	49	74190	51.354	ug/l	86
29) Tetrahydrofuran	7.835	42	236542	259.782	ug/l	88
30) Chloroform	7.965	83	197834	53.867	ug/l	100
31) Cyclohexane	8.259	56	155847	44.858	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	182309	52.443	ug/l	95
36) 1,1-Dichloropropene	8.371	75	134347	48.759	ug/l	100
37) Ethyl Acetate	7.559	43	143925	46.652	ug/l #	95
38) Carbon Tetrachloride	8.365	117	155669	50.161	ug/l	99
39) Methylcyclohexane	9.600	83	157297	46.479	ug/l	100
40) Benzene	8.606	78	407672	49.666	ug/l	100

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41) Methacrylonitrile	7.777	41	81123	46.247	ug/l	94
42) 1,2-Dichloroethane	8.671	62	156814	52.445	ug/l	99
43) Isopropyl Acetate	8.688	43	280032	52.511	ug/l	97
44) Trichloroethene	9.353	130	95735	49.001	ug/l	99
45) 1,2-Dichloropropane	9.624	63	101047	51.862	ug/l	95
46) Dibromomethane	9.712	93	72568	52.034	ug/l	99
47) Bromodichloromethane	9.888	83	161280	51.504	ug/l	99
48) Methyl methacrylate	9.682	41	120683	47.316	ug/l	91
49) 1,4-Dioxane	9.700	88	45764	994.550	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	754769	258.717	ug/l	93
52) Toluene	10.629	92	262823	50.677	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	160815	49.995	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	165624	48.410	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	97453	52.433	ug/l	99
56) Ethyl methacrylate	10.876	69	177109	50.548	ug/l	89
57) 1,3-Dichloropropane	11.165	76	170532	51.477	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	350276	236.503	ug/l	97
59) 2-Hexanone	11.194	43	573647	254.166	ug/l	93
60) Dibromochloromethane	11.359	129	119928	53.369	ug/l	97
61) 1,2-Dibromoethane	11.470	107	100797	51.626	ug/l	96
64) Tetrachloroethene	11.106	164	82323	48.302	ug/l	94
65) Chlorobenzene	11.894	112	279535	49.153	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	100865	50.289	ug/l	99
67) Ethyl Benzene	11.965	91	514605	49.326	ug/l	100
68) m/p-Xylenes	12.070	106	388346	99.372	ug/l	98
69) o-Xylene	12.400	106	190827	49.509	ug/l	99
70) Styrene	12.412	104	329657	50.923	ug/l	98
71) Bromoform	12.576	173	78317	51.542	ug/l #	98
73) Isopropylbenzene	12.694	105	501165	46.877	ug/l	100
74) N-amyl acetate	12.494	43	234137	44.773	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	147346	48.729	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	131078m	46.725	ug/l	
77) Bromobenzene	12.982	156	115275	48.538	ug/l	97
78) n-propylbenzene	13.035	91	586655	47.655	ug/l	100
79) 2-Chlorotoluene	13.123	91	367062	47.030	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	428514	47.875	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	51561	39.980	ug/l	96
82) 4-Chlorotoluene	13.223	91	372155	47.537	ug/l	97
83) tert-Butylbenzene	13.435	119	371813	46.907	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	432660	47.965	ug/l	99
85) sec-Butylbenzene	13.617	105	509140	47.073	ug/l	100
86) p-Isopropyltoluene	13.729	119	434033	48.601	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	214404	47.978	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	212013	47.060	ug/l	99
89) n-Butylbenzene	14.059	91	373401	48.254	ug/l	99
90) Hexachloroethane	14.335	117	80632	46.734	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	208558	48.228	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	33314	45.402	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	113104	46.685	ug/l	98
94) Hexachlorobutadiene	15.500	225	45738	42.451	ug/l	99
95) Naphthalene	15.641	128	395363	46.071	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	109225	45.564	ug/l	97

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

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