

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082224\
 Data File : VN083424.D
 Acq On : 22 Aug 2024 08:46
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 23 01:37:41 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 :Semsettin Yesilyurt 08/23/2024
 Supervised By :Mahesh Dadoda 08/23/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	157462	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	234428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	132658	59.188	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.380%			
35) Dibromofluoromethane	8.165	113	98145	58.623	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.240%			
50) Toluene-d8	10.565	98	348116	55.742	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.480%			
62) 4-Bromofluorobenzene	12.847	95	139863	57.446	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 114.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	94262	52.789	ug/l	94
3) Chloromethane	2.359	50	96359	52.709	ug/l	98
4) Vinyl Chloride	2.518	62	100522	53.888	ug/l	100
5) Bromomethane	2.901	94	48152	41.601	ug/l	96
6) Chloroethane	3.077	64	67065	57.465	ug/l	98
7) Trichlorofluoromethane	3.471	101	170735	55.405	ug/l	98
8) Diethyl Ether	3.959	74	57761	50.372	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.353	101	93632	55.110	ug/l	100
10) Methyl Iodide	4.577	142	118084	52.836	ug/l	98
11) Tert butyl alcohol	5.536	59	84140	180.642	ug/l	97
12) 1,1-Dichloroethene	4.324	96	87348	50.042	ug/l	92
13) Acrolein	4.177	56	73898	243.429	ug/l	99
14) Allyl chloride	5.012	41	160883	48.774	ug/l	90
15) Acrylonitrile	5.712	53	232346	242.545	ug/l	98
16) Acetone	4.430	43	254538	290.233	ug/l	98
17) Carbon Disulfide	4.706	76	229995	45.032	ug/l	100
18) Methyl Acetate	5.024	43	136994	52.428	ug/l	94
19) Methyl tert-butyl Ether	5.789	73	325893	51.726	ug/l	98
20) Methylene Chloride	5.271	84	100234	49.660	ug/l	87
21) trans-1,2-Dichloroethene	5.783	96	89807	49.781	ug/l	95
22) Diisopropyl ether	6.665	45	335374	54.090	ug/l	97
23) Vinyl Acetate	6.600	43	1667988	262.458	ug/l	96
24) 1,1-Dichloroethane	6.565	63	184699	54.651	ug/l	98
25) 2-Butanone	7.483	43	328446	243.903	ug/l	94
26) 2,2-Dichloropropane	7.488	77	171323	54.586	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	112464	51.661	ug/l	94
28) Bromochloromethane	7.812	49	61161	44.283	ug/l	87
29) Tetrahydrofuran	7.841	42	200416	230.230	ug/l	90
30) Chloroform	7.965	83	195234	55.604	ug/l	99
31) Cyclohexane	8.253	56	157360	47.377	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	180442	54.293	ug/l	97
36) 1,1-Dichloropropene	8.365	75	132481	52.311	ug/l	100
37) Ethyl Acetate	7.559	43	131001	46.198	ug/l #	95
38) Carbon Tetrachloride	8.353	117	153128	53.682	ug/l	98
39) Methylcyclohexane	9.600	83	157430	50.610	ug/l	96
40) Benzene	8.606	78	410403	54.397	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	71829	44.551	ug/l	94
42) 1,2-Dichloroethane	8.665	62	155380	56.536	ug/l	99
43) Isopropyl Acetate	8.688	43	236269	47.904	ug/l #	94
44) Trichloroethene	9.353	130	93894	52.286	ug/l	94
45) 1,2-Dichloropropane	9.624	63	100768	56.267	ug/l	97
46) Dibromomethane	9.706	93	70986	55.377	ug/l	99
47) Bromodichloromethane	9.888	83	155090	53.884	ug/l	97
48) Methyl methacrylate	9.682	41	110898	47.305	ug/l	92
49) 1,4-Dioxane	9.694	88	36855	871.390	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	653110	243.563	ug/l	94
52) Toluene	10.629	92	257375	53.991	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	157832	53.384	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	166395	52.913	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	94547	55.344	ug/l	96
56) Ethyl methacrylate	10.876	69	160303	49.775	ug/l	89
57) 1,3-Dichloropropane	11.165	76	166114	54.554	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	279869	205.586	ug/l	98
59) 2-Hexanone	11.194	43	497789	239.956	ug/l	93
60) Dibromochloromethane	11.359	129	112030	54.240	ug/l	100
61) 1,2-Dibromoethane	11.471	107	92982	51.812	ug/l	96
64) Tetrachloroethene	11.106	164	79374	51.125	ug/l	97
65) Chlorobenzene	11.888	112	268892	51.904	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	97153	53.173	ug/l	99
67) Ethyl Benzene	11.965	91	501713	52.792	ug/l	98
68) m/p-Xylenes	12.070	106	372111	104.526	ug/l	97
69) o-Xylene	12.400	106	182612	52.010	ug/l	99
70) Styrene	12.412	104	311583	52.837	ug/l	98
71) Bromoform	12.576	173	71062	51.340	ug/l #	100
73) Isopropylbenzene	12.694	105	474611	46.900	ug/l	99
74) N-amyl acetate	12.494	43	209305	42.285	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	137328	47.981	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	118555m	44.648	ug/l	
77) Bromobenzene	12.982	156	108353	48.200	ug/l	97
78) n-propylbenzene	13.035	91	553146	47.470	ug/l	99
79) 2-Chlorotoluene	13.123	91	345852	46.815	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	411042	48.517	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	48275	39.547	ug/l	99
82) 4-Chlorotoluene	13.223	91	350644	47.319	ug/l	98
83) tert-Butylbenzene	13.441	119	355101	47.329	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	413086	48.382	ug/l	99
85) sec-Butylbenzene	13.617	105	486527	47.523	ug/l	100
86) p-Isopropyltoluene	13.729	119	410362	48.546	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	208526	49.298	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	209180	49.053	ug/l	98
89) n-Butylbenzene	14.059	91	358186	48.902	ug/l	99
90) Hexachloroethane	14.335	117	77701	47.579	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	210049	51.316	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	29207	42.053	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	106343	46.374	ug/l	98
94) Hexachlorobutadiene	15.500	225	44581	43.714	ug/l	98
95) Naphthalene	15.641	128	353816	43.558	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	106039	46.733	ug/l	97

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

