

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082024\
 Data File : VN083391.D
 Acq On : 20 Aug 2024 09:26
 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 21 02:22:24 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 08/21/2024
 Supervised By :Semsettin Yesilyurt 08/21/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	142140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	245989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	216586	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	112549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117773	58.211	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.420%			
35) Dibromofluoromethane	8.165	113	86225	56.158	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.320%			
50) Toluene-d8	10.565	98	314325	54.880	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.760%			
62) 4-Bromofluorobenzene	12.847	95	126551	56.676	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 113.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	74169	46.014	ug/l	96
3) Chloromethane	2.360	50	78320	47.460	ug/l	93
4) Vinyl Chloride	2.519	62	83111	49.357	ug/l	97
5) Bromomethane	2.901	94	39970	38.254	ug/l	94
6) Chloroethane	3.066	64	58519	55.547	ug/l	95
7) Trichlorofluoromethane	3.466	101	150474	54.093	ug/l	98
8) Diethyl Ether	3.954	74	52783	50.992	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.354	101	84030	54.790	ug/l	98
10) Methyl Iodide	4.571	142	89934	44.578	ug/l	97
11) Tert butyl alcohol	5.530	59	79131	188.201	ug/l	98
12) 1,1-Dichloroethene	4.324	96	77438	49.147	ug/l	89
13) Acrolein	4.171	56	90427	329.988	ug/l	99
14) Allyl chloride	5.012	41	140669	47.243	ug/l	91
15) Acrylonitrile	5.718	53	217955	252.049	ug/l	97
16) Acetone	4.430	43	210194	265.506	ug/l	94
17) Carbon Disulfide	4.695	76	186105	40.367	ug/l	100
18) Methyl Acetate	5.018	43	138072	58.536	ug/l	95
19) Methyl tert-butyl Ether	5.795	73	296659	52.162	ug/l	98
20) Methylene Chloride	5.265	84	89461	49.101	ug/l	88
21) trans-1,2-Dichloroethene	5.777	96	78396	48.140	ug/l	93
22) Diisopropyl ether	6.665	45	303408	54.209	ug/l	95
23) Vinyl Acetate	6.601	43	1502954	261.982	ug/l	96
24) 1,1-Dichloroethane	6.565	63	170564	55.909	ug/l	98
25) 2-Butanone	7.483	43	291547	239.840	ug/l	96
26) 2,2-Dichloropropane	7.483	77	155065	54.732	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	100871	51.330	ug/l	95
28) Bromochloromethane	7.812	49	68804	55.186	ug/l	86
29) Tetrahydrofuran	7.836	42	185971	236.665	ug/l	91
30) Chloroform	7.965	83	179867	56.749	ug/l	97
31) Cyclohexane	8.253	56	137456	45.845	ug/l	92
32) 1,1,1-Trichloroethane	8.165	97	164762	54.919	ug/l	97
36) 1,1-Dichloropropene	8.365	75	117320	50.511	ug/l	100
37) Ethyl Acetate	7.559	43	122440	47.082	ug/l	96
38) Carbon Tetrachloride	8.359	117	141301	54.013	ug/l	97
39) Methylcyclohexane	9.600	83	137125	48.067	ug/l	95
40) Benzene	8.600	78	364077	52.618	ug/l	98

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Supervised By :Semsettin Yesilyurt 08/21/2024

Quant Time: Aug 21 02:22:24 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	65988	44.627	ug/l	91
42) 1,2-Dichloroethane	8.671	62	143644	56.989	ug/l	99
43) Isopropyl Acetate	8.689	43	217758	48.158	ug/l #	94
44) Trichloroethene	9.347	130	84494	51.304	ug/l	95
45) 1,2-Dichloropropane	9.618	63	91882	55.943	ug/l	98
46) Dibromomethane	9.706	93	64451	54.823	ug/l	99
47) Bromodichloromethane	9.889	83	145405	55.085	ug/l	99
48) Methyl methacrylate	9.677	41	101695	47.300	ug/l	92
49) 1,4-Dioxane	9.700	88	35727	921.067	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	602302	244.916	ug/l	93
52) Toluene	10.630	92	234377	53.611	ug/l	97
53) t-1,3-Dichloropropene	10.836	75	145282	53.581	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	153351	53.172	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	86139	54.980	ug/l	97
56) Ethyl methacrylate	10.871	69	146956	49.755	ug/l	87
57) 1,3-Dichloropropane	11.165	76	151081	54.101	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	327073	261.977	ug/l	97
59) 2-Hexanone	11.194	43	455155	239.235	ug/l	94
60) Dibromochloromethane	11.359	129	104602	55.221	ug/l	99
61) 1,2-Dibromoethane	11.471	107	86866	52.779	ug/l	99
64) Tetrachloroethene	11.100	164	72381	50.461	ug/l	98
65) Chlorobenzene	11.888	112	246477	51.497	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	89601	53.080	ug/l	99
67) Ethyl Benzene	11.965	91	455992	51.934	ug/l	100
68) m/p-Xylenes	12.071	106	339199	103.130	ug/l	98
69) o-Xylene	12.400	106	165386	50.984	ug/l	99
70) Styrene	12.412	104	281551	51.677	ug/l	98
71) Bromoform	12.577	173	64531	50.462	ug/l #	97
73) Isopropylbenzene	12.694	105	431154	45.800	ug/l	100
74) N-amyl acetate	12.494	43	190048	41.273	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	129266	48.550	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	110221m	44.621	ug/l	
77) Bromobenzene	12.977	156	99081	47.380	ug/l	97
78) n-propylbenzene	13.035	91	509521	47.004	ug/l	99
79) 2-Chlorotoluene	13.124	91	313759	45.655	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	371750	47.168	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	44216	38.937	ug/l	98
82) 4-Chlorotoluene	13.224	91	322374	46.765	ug/l	97
83) tert-Butylbenzene	13.435	119	323294	46.319	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	382228	48.123	ug/l	99
85) sec-Butylbenzene	13.618	105	444871	46.712	ug/l	100
86) p-Isopropyltoluene	13.730	119	371244	47.210	ug/l	98
87) 1,3-Dichlorobenzene	13.730	146	190494	48.411	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	193911	48.881	ug/l	99
89) n-Butylbenzene	14.053	91	324270	47.591	ug/l	100
90) Hexachloroethane	14.329	117	71365	46.975	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	193639	50.853	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	26696	41.319	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	99944	46.850	ug/l	98
94) Hexachlorobutadiene	15.500	225	41283	43.514	ug/l	99
95) Naphthalene	15.641	128	327605	43.354	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	98497	46.663	ug/l	97

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

