

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062724\
 Data File : VN082735.D
 Acq On : 27 Jun 2024 22:49
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Jun 28 05:42:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 05:38:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/28/2024
 Supervised By :Mahesh Dadoda 06/28/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	95147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	172543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	157235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	67628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	13128	8.947	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	17.900%#		
35) Dibromofluoromethane	8.171	113	10054	8.850	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	17.700%#		
50) Toluene-d8	10.571	98	35879	8.445	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	16.900%#		
62) 4-Bromofluorobenzene	12.847	95	11383	10.031	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	20.060%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	16600	11.429	ug/l	97
3) Chloromethane	2.359	50	15905	10.462	ug/l	90
4) Vinyl Chloride	2.512	62	17300	10.739	ug/l	96
5) Bromomethane	2.959	94	12535	10.937	ug/l	98
6) Chloroethane	3.118	64	11261	9.911	ug/l	88
7) Trichlorofluoromethane	3.501	101	19261	9.646	ug/l	91
8) Diethyl Ether	3.953	74	6024	9.646	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.383	101	10933	9.597	ug/l #	19
10) Methyl Iodide	4.595	142	9036	8.651	ug/l #	86
11) Tert butyl alcohol	5.536	59	11075	47.253	ug/l #	94
12) 1,1-Dichloroethene	4.336	96	9774	9.198	ug/l	87
13) Acrolein	4.183	56	7014	46.783	ug/l	93
14) Allyl chloride	5.030	41	13591	8.512	ug/l #	95
15) Acrylonitrile	5.718	53	27916	44.777	ug/l	99
16) Acetone	4.436	43	24764	44.545	ug/l	95
17) Carbon Disulfide	4.712	76	31577	9.073	ug/l #	93
18) Methyl Acetate	5.030	43	13610	9.209	ug/l	96
19) Methyl tert-butyl Ether	5.806	73	31673	8.990	ug/l	96
20) Methylene Chloride	5.271	84	13138	9.620	ug/l #	77
21) trans-1,2-Dichloroethene	5.795	96	10759	9.383	ug/l	89
22) Diisopropyl ether	6.671	45	35582	9.579	ug/l	99
23) Vinyl Acetate	6.606	43	146616	49.436	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	21483	9.526	ug/l	98
25) 2-Butanone	7.489	43	42589	49.955	ug/l #	84
26) 2,2-Dichloropropane	7.489	77	14060	9.718	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	13540	10.036	ug/l	89
28) Bromochloromethane	7.818	49	8716	8.837	ug/l #	89
29) Tetrahydrofuran	7.847	42	27034	49.361	ug/l	89
30) Chloroform	7.965	83	23658	9.840	ug/l	92
31) Cyclohexane	8.259	56	21214	10.261	ug/l	89
32) 1,1,1-Trichloroethane	8.165	97	21313	10.040	ug/l	95
36) 1,1-Dichloropropene	8.371	75	15878	9.724	ug/l	99
37) Ethyl Acetate	7.565	43	17068	9.671	ug/l	96
38) Carbon Tetrachloride	8.359	117	18456	9.664	ug/l	97
39) Methylcyclohexane	9.606	83	16056	9.471	ug/l	94
40) Benzene	8.606	78	52218	9.748	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	9256	10.172	ug/l	93
42) 1,2-Dichloroethane	8.671	62	19060	9.909	ug/l	100
43) Isopropyl Acetate	8.694	43	30185	9.682	ug/l	96
44) Trichloroethene	9.353	130	12044	9.684	ug/l	90
45) 1,2-Dichloropropane	9.624	63	13041	10.045	ug/l	99
46) Dibromomethane	9.712	93	9332	9.841	ug/l	96
47) Bromodichloromethane	9.888	83	19274	9.975	ug/l	98
48) Methyl methacrylate	9.677	41	12776	9.407	ug/l	90
49) 1,4-Dioxane	9.694	88	5493	202.660	ug/l #	75
51) 4-Methyl-2-Pentanone	10.447	43	87330	48.381	ug/l	95
52) Toluene	10.629	92	30030	9.547	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	17059	9.335	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	19044	9.912	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	12245	10.040	ug/l	89
56) Ethyl methacrylate	10.877	69	17492	9.810	ug/l	88
57) 1,3-Dichloropropane	11.165	76	20899	9.749	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	43562	47.137	ug/l	97
59) 2-Hexanone	11.200	43	65036	48.592	ug/l	98
60) Dibromochloromethane	11.365	129	14351	9.702	ug/l	98
61) 1,2-Dibromoethane	11.471	107	12112	9.452	ug/l	98
64) Tetrachloroethene	11.100	164	11892	10.096	ug/l	98
65) Chlorobenzene	11.894	112	34303	9.725	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	11781	9.611	ug/l	96
67) Ethyl Benzene	11.965	91	54803	9.415	ug/l	99
68) m/p-Xylenes	12.076	106	42549	19.265	ug/l	94
69) o-Xylene	12.400	106	18671	8.945	ug/l	98
70) Styrene	12.418	104	32584	9.424	ug/l	99
71) Bromoform	12.582	173	8703	9.079	ug/l #	99
73) Isopropylbenzene	12.700	105	49610	10.058	ug/l	100
74) N-amyl acetate	12.494	43	21900	9.948	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	17267	9.978	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	15521m	10.532	ug/l	
77) Bromobenzene	12.982	156	12468	10.172	ug/l	98
78) n-propylbenzene	13.035	91	56285	9.665	ug/l	100
79) 2-Chlorotoluene	13.129	91	36575	10.021	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	39482	9.745	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	5065	8.955	ug/l	91
82) 4-Chlorotoluene	13.223	91	35569	9.876	ug/l	97
83) tert-Butylbenzene	13.441	119	33147	9.325	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	39679	9.908	ug/l	99
85) sec-Butylbenzene	13.618	105	45922	9.612	ug/l	98
86) p-Isopropyltoluene	13.729	119	36891	9.599	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	23065	9.827	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	23276	9.528	ug/l	96
89) n-Butylbenzene	14.059	91	31986	9.437	ug/l	96
90) Hexachloroethane	14.335	117	8655	10.183	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	22249	9.981	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	3509	10.763	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	10625	9.764	ug/l	99
94) Hexachlorobutadiene	15.500	225	4977	10.111	ug/l	94
95) Naphthalene	15.641	128	33725	9.331	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	10993	9.473	ug/l	98

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

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