

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032523\
 Data File : VN077188.D
 Acq On : 24 Mar 2023 21:18
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Mar 27 02:26:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 27 02:24:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 03/27/2023
 Supervised By :Mahesh Dadoda 03/27/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	406555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	701807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	628743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	260473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	61990	9.752	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	19.500%#		
35) Dibromofluoromethane	8.166	113	47280	9.928	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	19.860%#		
50) Toluene-d8	10.571	98	169352	9.491	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	18.980%#		
62) 4-Bromofluorobenzene	12.854	95	52035	8.885	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	17.780%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	38845	9.159	ug/l	95
3) Chloromethane	2.378	50	53864	9.053	ug/l	99
4) Vinyl Chloride	2.525	62	60789	9.046	ug/l	98
5) Bromomethane	2.966	94	55963	10.433	ug/l	92
6) Chloroethane	3.131	64	70767	12.146	ug/l	100
7) Trichlorofluoromethane	3.513	101	106301	10.316	ug/l	94
8) Diethyl Ether	3.972	74	26933	7.941	ug/l #	52
9) 1,1,2-Trichlorotrifluo...	4.384	101	42137	9.554	ug/l	98
10) Methyl Iodide	4.601	142	43221	8.686	ug/l	94
11) Tert butyl alcohol	5.525	59	39388	45.465	ug/l	100
12) 1,1-Dichloroethene	4.354	96	39972	9.529	ug/l	84
13) Acrolein	4.195	56	60641	49.905	ug/l	98
14) Allyl chloride	5.037	41	73110	9.277	ug/l #	77
15) Acrylonitrile	5.725	53	125930	46.626	ug/l	99
16) Acetone	4.437	43	111914	47.350	ug/l	91
17) Carbon Disulfide	4.731	76	104443	8.898	ug/l	97
18) Methyl Acetate	5.037	43	88947	9.407	ug/l #	80
19) Methyl tert-butyl Ether	5.813	73	133808	8.973	ug/l	92
20) Methylene Chloride	5.289	84	49131	9.335	ug/l #	84
21) trans-1,2-Dichloroethene	5.801	96	43304	9.407	ug/l #	78
22) Diisopropyl ether	6.683	45	154749	9.110	ug/l #	87
23) Vinyl Acetate	6.619	43	467014	42.605	ug/l #	88
24) 1,1-Dichloroethane	6.578	63	87788	9.244	ug/l	98
25) 2-Butanone	7.495	43	171658	46.449	ug/l #	80
26) 2,2-Dichloropropane	7.495	77	60569	9.248	ug/l	96
27) cis-1,2-Dichloroethene	7.495	96	47871	9.015	ug/l	80
28) Bromochloromethane	7.819	49	57355	11.843	ug/l #	69
29) Tetrahydrofuran	7.848	42	112626	46.004	ug/l #	73
30) Chloroform	7.972	83	88529	9.464	ug/l	93
31) Cyclohexane	8.260	56	86470	9.792	ug/l #	79
32) 1,1,1-Trichloroethane	8.172	97	75778	9.436	ug/l	97
36) 1,1-Dichloropropene	8.377	75	61042	9.210	ug/l	93
37) Ethyl Acetate	7.572	43	67513	9.139	ug/l #	90
38) Carbon Tetrachloride	8.366	117	61370	9.132	ug/l	99
39) Methylcyclohexane	9.607	83	67793	8.758	ug/l #	83
40) Benzene	8.613	78	194488	9.575	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	36968	9.156	ug/l #	79
42) 1,2-Dichloroethane	8.677	62	72782	9.503	ug/l	94
43) Isopropyl Acetate	8.695	43	111707	9.373	ug/l #	85
44) Trichloroethene	9.354	130	44051	9.465	ug/l	97
45) 1,2-Dichloropropane	9.624	63	51134	9.466	ug/l	97
46) Dibromomethane	9.713	93	32590	9.230	ug/l	93
47) Bromodichloromethane	9.895	83	66355	9.450	ug/l	97
48) Methyl methacrylate	9.683	41	52070	9.072	ug/l #	72
49) 1,4-Dioxane	9.701	88	18145	185.449	ug/l #	80
51) 4-Methyl-2-Pentanone	10.448	43	351669	46.895	ug/l #	82
52) Toluene	10.630	92	115299	9.308	ug/l	100
53) t-1,3-Dichloropropene	10.842	75	59844	8.398	ug/l	99
54) cis-1,3-Dichloropropene	10.319	75	69593	8.924	ug/l #	81
55) 1,1,2-Trichloroethane	11.018	97	45978	9.455	ug/l	94
56) Ethyl methacrylate	10.877	69	59265	8.256	ug/l #	66
57) 1,3-Dichloropropane	11.166	76	81229	9.370	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.166	63	130047	46.441	ug/l	89
59) 2-Hexanone	11.201	43	243054	45.099	ug/l	79
60) Dibromochloromethane	11.360	129	43544	8.716	ug/l	98
61) 1,2-Dibromoethane	11.471	107	43640	9.030	ug/l	97
64) Tetrachloroethene	11.107	164	37558	9.630	ug/l	94
65) Chlorobenzene	11.895	112	117864	9.304	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.960	131	41944	9.063	ug/l	98
67) Ethyl Benzene	11.965	91	204800	8.887	ug/l	99
68) m/p-Xylenes	12.077	106	158988	18.138	ug/l	98
69) o-Xylene	12.407	106	74169	8.738	ug/l	88
70) Styrene	12.413	104	121349	8.850	ug/l	96
71) Bromoform	12.583	173	29292	8.545	ug/l #	97
73) Isopropylbenzene	12.701	105	191013	9.320	ug/l	97
74) N-amyl acetate	12.495	43	80013	8.960	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.942	83	67828	9.909	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	51644m	9.178	ug/l	
77) Bromobenzene	12.977	156	43630	9.248	ug/l	88
78) n-propylbenzene	13.036	91	212399	8.987	ug/l	96
79) 2-Chlorotoluene	13.124	91	136319	9.379	ug/l	93
80) 1,3,5-Trimethylbenzene	13.177	105	155848	9.132	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.742	75	16045	8.752	ug/l #	73
82) 4-Chlorotoluene	13.224	91	128291	9.300	ug/l	94
83) tert-Butylbenzene	13.442	119	128552	8.906	ug/l	92
84) 1,2,4-Trimethylbenzene	13.489	105	150738	8.988	ug/l	96
85) sec-Butylbenzene	13.618	105	183243	8.901	ug/l	97
86) p-Isopropyltoluene	13.730	119	144760	8.779	ug/l	97
87) 1,3-Dichlorobenzene	13.736	146	79436	9.328	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	78635	9.233	ug/l	97
89) n-Butylbenzene	14.059	91	108127	7.999	ug/l	97
90) Hexachloroethane	14.336	117	27868	9.070	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	78347	9.224	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	11489	9.485	ug/l	79
93) 1,2,4-Trichlorobenzene	15.395	180	25385	9.976	ug/l	96
94) Hexachlorobutadiene	15.501	225	19846	9.211	ug/l	98
95) Naphthalene	15.648	128	65581	10.058	ug/l	99
96) 1,2,3-Trichlorobenzene	15.848	180	25296	10.280	ug/l	94

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

