

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032523\
 Data File : VN077186.D
 Acq On : 24 Mar 2023 20:30
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

Quant Time: Mar 27 02:25:50 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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	369503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	675411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	568616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	200119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	5975	1.034	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	2.060%#
35) Dibromofluoromethane	8.172	113	4663	1.017	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.040%#
50) Toluene-d8	10.571	98	14159	0.825	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	1.640%#
62) 4-Bromofluorobenzene	12.854	95	4835	0.858	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	1.720%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.143	85	4856	1.260	ug/l	85
3) Chloromethane	2.378	50	7806	1.444	ug/l #	86
4) Vinyl Chloride	2.525	62	7757	1.270	ug/l #	77
5) Bromomethane	2.978	94	7959	1.633	ug/l	95
6) Chloroethane	3.143	64	7744	1.462	ug/l	90
7) Trichlorofluoromethane	3.513	101	10262	1.096	ug/l #	77
8) Diethyl Ether	3.960	74	1137	0.369	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	4.401	101	5035	1.256	ug/l #	60
10) Methyl Iodide	4.613	142	4428	0.979	ug/l #	97
11) Tert butyl alcohol	5.519	59	2200	2.794	ug/l #	83
12) 1,1-Dichloroethene	4.360	96	3939	1.033	ug/l	93
13) Acrolein	4.190	56	6068	5.495	ug/l	97
14) Allyl chloride	5.037	41	6986	0.975	ug/l #	79
15) Acrylonitrile	5.736	53	13522	5.509	ug/l	94
16) Acetone	4.454	43	13701	6.378	ug/l #	88
17) Carbon Disulfide	4.713	76	13040	1.222	ug/l #	88
18) Methyl Acetate	5.054	43	10458	1.217	ug/l #	42
19) Methyl tert-butyl Ether	5.807	73	14972	1.105	ug/l #	77
20) Methylene Chloride	5.289	84	6631	1.386	ug/l #	59
21) trans-1,2-Dichloroethene	5.789	96	4861	1.162	ug/l #	78
22) Diisopropyl ether	6.689	45	15201	0.985	ug/l #	79
23) Vinyl Acetate	6.613	43	43547	4.371	ug/l #	89
24) 1,1-Dichloroethane	6.572	63	9283	1.075	ug/l #	80
25) 2-Butanone	7.501	43	18246	5.432	ug/l #	70
26) 2,2-Dichloropropane	7.501	77	6718	1.129	ug/l	95
27) cis-1,2-Dichloroethene	7.495	96	5425	1.124	ug/l	87
28) Bromochloromethane	7.807	49	4481	1.018	ug/l #	5
29) Tetrahydrofuran	7.860	42	11091	4.985	ug/l #	76
30) Chloroform	7.978	83	10253	1.206	ug/l	99
31) Cyclohexane	8.230	56	17150	2.137	ug/l #	19
32) 1,1,1-Trichloroethane	8.172	97	7619	1.044	ug/l #	47
36) 1,1-Dichloropropene	8.377	75	6185	0.970	ug/l	95
37) Ethyl Acetate	7.578	43	7858	1.105	ug/l #	89
38) Carbon Tetrachloride	8.372	117	7521	1.163	ug/l #	73
39) Methylcyclohexane	9.601	83	6860	0.921	ug/l #	76
40) Benzene	8.619	78	19656	1.006	ug/l #	75

03/27/2023
 Supervised By : Mahesh
 adoda

03/27/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.789	41	3604	0.927	ug/l #	69	03/27/2023
42) 1,2-Dichloroethane	8.677	62	7609	1.032	ug/l	94	Supervised By : Mahesh Dadoda
43) Isopropyl Acetate	8.695	43	11499	1.003	ug/l #	75	
44) Trichloroethene	9.360	130	4430	0.989	ug/l	85	
45) 1,2-Dichloropropane	9.624	63	5343	1.028	ug/l #	85	
46) Dibromomethane	9.713	93	3176	0.935	ug/l #	77	
47) Bromodichloromethane	9.889	83	7167	1.061	ug/l #	88	03/27/2023
48) Methyl methacrylate	9.683	41	5138	0.930	ug/l #	73	
49) 1,4-Dioxane	9.701	88	1654	17.565	ug/l #	86	
51) 4-Methyl-2-Pentanone	10.448	43	31641	4.384	ug/l #	81	
52) Toluene	10.636	92	10253	0.860	ug/l	100	
53) t-1,3-Dichloropropene	10.842	75	6188	0.902	ug/l #	87	
54) cis-1,3-Dichloropropene	10.319	75	7012	0.934	ug/l #	78	
55) 1,1,2-Trichloroethane	11.024	97	5060	1.081	ug/l #	90	
56) Ethyl methacrylate	10.877	69	4959	0.718	ug/l #	41	
57) 1,3-Dichloropropane	11.160	76	8392	1.006	ug/l	92	
58) 2-Chloroethyl Vinyl ether	10.160	63	9900	3.674	ug/l #	81	
59) 2-Hexanone	11.195	43	21022	4.053	ug/l	82	
60) Dibromochloromethane	11.366	129	4459	0.927	ug/l	96	
61) 1,2-Dibromoethane	11.477	107	4099	0.881	ug/l	84	
64) Tetrachloroethene	11.113	164	3784	1.073	ug/l #	87	
65) Chlorobenzene	11.895	112	11874	1.036	ug/l	91	
66) 1,1,1,2-Tetrachloroethane	11.966	131	4105	0.981	ug/l #	66	
67) Ethyl Benzene	11.966	91	17498	0.840	ug/l #	86	
68) m/p-Xylenes	12.077	106	12759	1.610	ug/l	96	
69) o-Xylene	12.401	106	6093	0.794	ug/l	83	
70) Styrene	12.413	104	9227	0.744	ug/l	92	
71) Bromoform	12.583	173	3357	1.083	ug/l #	89	
73) Isopropylbenzene	12.695	105	14899	0.946	ug/l	100	
74) N-amyl acetate	12.501	43	6596	0.961	ug/l #	78	
75) 1,1,2,2-Tetrachloroethane	12.942	83	6662	1.267	ug/l	98	
76) 1,2,3-Trichloropropane	12.995	75	7771	1.798	ug/l	51	
77) Bromobenzene	12.977	156	3945	1.088	ug/l	86	
78) n-propylbenzene	13.042	91	14627	0.806	ug/l	98	
79) 2-Chlorotoluene	13.130	91	10839	0.971	ug/l	97	
80) 1,3,5-Trimethylbenzene	13.183	105	9549	0.728	ug/l	96	
81) trans-1,4-Dichloro-2-b...	12.736	75	1625	1.154	ug/l #	73	
82) 4-Chlorotoluene	13.224	91	9980	0.942	ug/l	97	
83) tert-Butylbenzene	13.442	119	8945	0.807	ug/l	94	
84) 1,2,4-Trimethylbenzene	13.483	105	9132	0.709	ug/l	96	
85) sec-Butylbenzene	13.618	105	11514	0.728	ug/l	96	
86) p-Isopropyltoluene	13.730	119	8521	0.673	ug/l	93	
87) 1,3-Dichlorobenzene	13.742	146	6326	0.967	ug/l	97	
88) 1,4-Dichlorobenzene	13.742	146	6326	0.967	ug/l	97	
89) n-Butylbenzene	14.065	91	7622	0.734	ug/l	96	
90) Hexachloroethane	14.342	117	2789	1.181	ug/l	96	
91) 1,2-Dichlorobenzene	14.112	146	7785	1.193	ug/l	97	
92) 1,2-Dibromo-3-Chloropr...	14.718	75	1352	1.453	ug/l	59	
93) 1,2,4-Trichlorobenzene	15.395	180	2859	5.197	ug/l	71	
94) Hexachlorobutadiene	15.506	225	2025	1.223	ug/l	92	
95) Naphthalene	15.648	128	4546	6.289	ug/l #	88	
96) 1,2,3-Trichlorobenzene	15.842	180	1983	5.223	ug/l #	60	

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

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

03/27/2023
Supervised By :Mahesh
Dadoda

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