

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090223\
 Data File : VN079137.D
 Acq On : 02 Sep 2023 12:47
 Operator : JC\MD
 Sample : VN0902WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/05/2023
 Supervised By :Semsettin Yesilyurt 09/05/2023

Quant Time: Sep 04 01:01:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	228122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	388921	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	357676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	166318	46.853	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.700%		
35) Dibromofluoromethane	8.171	113	138666	52.966	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.940%		
50) Toluene-d8	10.570	98	346511	35.646	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	71.300%#		
62) 4-Bromofluorobenzene	12.853	95	162499	51.143	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.280%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.130	85	50053	15.813	ug/l	94
3) Chloromethane	2.365	50	37420	8.467	ug/l	93
4) Vinyl Chloride	2.518	62	75492	19.478	ug/l	99
5) Bromomethane	2.959	94	25097	11.278	ug/l	94
6) Chloroethane	3.124	64	28014	10.339	ug/l #	88
7) Trichlorofluoromethane	3.500	101	82828	17.546	ug/l	91
8) Diethyl Ether	3.965	74	34662	19.369	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.371	101	47937	19.067	ug/l	96
10) Methyl Iodide	4.589	142	61371	21.817	ug/l	92
11) Tert butyl alcohol	5.524	59	45966	77.168	ug/l	97
12) 1,1-Dichloroethene	4.341	96	45006	18.377	ug/l	84
13) Acrolein	4.183	56	27336	76.271	ug/l	94
14) Allyl chloride	5.030	41	80760	16.568	ug/l #	85
15) Acrylonitrile	5.724	53	144869	89.776	ug/l	99
16) Acetone	4.430	43	129915	88.698	ug/l	98
17) Carbon Disulfide	4.718	76	116800	17.038	ug/l	100
18) Methyl Acetate	5.030	43	100292	16.209	ug/l #	87
19) Methyl tert-butyl Ether	5.800	73	174672	19.799	ug/l	93
20) Methylene Chloride	5.283	84	62463	20.012	ug/l #	86
21) trans-1,2-Dichloroethene	5.794	96	50964	18.557	ug/l #	81
22) Diisopropyl ether	6.677	45	189060	18.334	ug/l #	89
23) Vinyl Acetate	6.606	43	569895	83.935	ug/l #	88
24) 1,1-Dichloroethane	6.571	63	107743	19.126	ug/l	100
25) 2-Butanone	7.488	43	182710	77.805	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	84051	18.459	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	65393	19.591	ug/l	88
28) Bromochloromethane	7.818	49	60201	20.146	ug/l #	78
29) Tetrahydrofuran	7.841	42	119295	76.750	ug/l #	79
30) Chloroform	7.971	83	112284	19.951	ug/l	96
31) Cyclohexane	8.265	56	79475	16.165	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	89463	18.643	ug/l	99
36) 1,1-Dichloropropene	8.377	75	75762	19.238	ug/l	96
37) Ethyl Acetate	7.565	43	82217	18.659	ug/l #	91
38) Carbon Tetrachloride	8.365	117	76499	19.387	ug/l	96
39) Methylcyclohexane	9.606	83	70160	19.371	ug/l #	87
40) Benzene	8.612	78	237968	20.443	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	42236	17.600	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	87374	20.091	ug/l	99
43) Isopropyl Acetate	8.694	43	135579	17.409	ug/l #	89
44) Trichloroethene	9.353	130	57921	20.942	ug/l	96
45) 1,2-Dichloropropane	9.623	63	65996	21.295	ug/l	98
46) Dibromomethane	9.712	93	42678	20.077	ug/l	91
47) Bromodichloromethane	9.894	83	89288	21.272	ug/l	97
48) Methyl methacrylate	9.688	41	58619	16.610	ug/l #	79
49) 1,4-Dioxane	9.706	88	20099	334.362	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	250152	54.156	ug/l	92
52) Toluene	10.635	92	110256	15.428	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	92252	20.494	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	66737	13.613	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	61748	21.548	ug/l	96
56) Ethyl methacrylate	10.876	69	89381	20.122	ug/l #	86
57) 1,3-Dichloropropane	11.165	76	108693	21.207	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	111220	52.160	ug/l	92
59) 2-Hexanone	11.200	43	267059	79.824	ug/l	90
60) Dibromochloromethane	11.365	129	65039	21.569	ug/l	99
61) 1,2-Dibromoethane	11.476	107	58684	20.152	ug/l	100
64) Tetrachloroethene	11.106	164	47692	21.262	ug/l	91
65) Chlorobenzene	11.894	112	151939	19.956	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	60359	20.978	ug/l	98
67) Ethyl Benzene	11.970	91	259971	18.776	ug/l	97
68) m/p-Xylenes	12.076	106	196199	37.901	ug/l	94
69) o-Xylene	12.400	106	94593	18.785	ug/l	91
70) Styrene	12.417	104	159108	18.949	ug/l	98
71) Bromoform	12.582	173	43399	20.747	ug/l #	98
73) Isopropylbenzene	12.700	105	233152	19.192	ug/l	98
74) N-amyl acetate	12.500	43	93100	15.183	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	88061	20.076	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	69557m	19.814	ug/l	
77) Bromobenzene	12.982	156	58702	20.103	ug/l	95
78) n-propylbenzene	13.041	91	266753	18.936	ug/l	98
79) 2-Chlorotoluene	13.129	91	172294	19.717	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	196308	20.392	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	25860	18.818	ug/l #	85
82) 4-Chlorotoluene	13.223	91	168285	19.682	ug/l	99
83) tert-Butylbenzene	13.441	119	156584	19.359	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	193771	20.328	ug/l	98
85) sec-Butylbenzene	13.617	105	221239	19.875	ug/l	99
86) p-Isopropyltoluene	13.735	119	178740	20.098	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	97121	19.329	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	93578	18.607	ug/l	97
89) n-Butylbenzene	14.059	91	140876	19.248	ug/l	97
90) Hexachloroethane	14.341	117	35818	20.091	ug/l	85
91) 1,2-Dichlorobenzene	14.111	146	98408	19.694	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11675	12.875	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	25924	14.635	ug/l	94
94) Hexachlorobutadiene	15.505	225	23510	23.373	ug/l	98
95) Naphthalene	15.641	128	84991	14.582	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	35339	18.215	ug/l	95

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

