

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082323\
 Data File : VN079011.D
 Acq On : 23 Aug 2023 13:11
 Operator : JC\MD
 Sample : VN0823WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0823WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2023
 Supervised By :Mahesh Dadoda 08/25/2023

Quant Time: Aug 24 01:09:06 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	8.230	168	177029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	310568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	280684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	112505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	136809	49.663	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.320%		
35) Dibromofluoromethane	8.165	113	109745	52.495	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.980%		
50) Toluene-d8	10.571	98	396298	51.053	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.100%		
62) 4-Bromofluorobenzene	12.853	95	126253	49.760	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.520%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.130	85	47413	19.302	ug/l	100
3) Chloromethane	2.365	50	53761	15.676	ug/l	99
4) Vinyl Chloride	2.518	62	57237	19.030	ug/l	93
5) Bromomethane	2.948	94	35377	20.487	ug/l	96
6) Chloroethane	3.118	64	39179	18.634	ug/l	90
7) Trichlorofluoromethane	3.500	101	75312	20.558	ug/l	97
8) Diethyl Ether	3.959	74	26851	19.334	ug/l #	57
9) 1,1,2-Trichlorotrifluo...	4.365	101	38785	19.879	ug/l	98
10) Methyl Iodide	4.595	142	44209	20.252	ug/l	93
11) Tert butyl alcohol	5.524	59	43930	95.036	ug/l #	82
12) 1,1-Dichloroethene	4.336	96	38420	20.215	ug/l	89
13) Acrolein	4.177	56	24362	87.411	ug/l	98
14) Allyl chloride	5.024	41	65000	17.184	ug/l #	87
15) Acrylonitrile	5.724	53	121203	96.788	ug/l	96
16) Acetone	4.436	43	106383	93.594	ug/l	89
17) Carbon Disulfide	4.712	76	101980	19.169	ug/l	98
18) Methyl Acetate	5.030	43	90339	18.814	ug/l #	80
19) Methyl tert-butyl Ether	5.800	73	135399	19.777	ug/l	97
20) Methylene Chloride	5.277	84	48580	20.056	ug/l #	75
21) trans-1,2-Dichloroethene	5.783	96	40754	19.123	ug/l #	86
22) Diisopropyl ether	6.677	45	161173	20.141	ug/l #	89
23) Vinyl Acetate	6.606	43	493550	93.671	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	86077	19.690	ug/l	99
25) 2-Butanone	7.488	43	163307	89.614	ug/l #	79
26) 2,2-Dichloropropane	7.494	77	64465	18.243	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	48890	18.874	ug/l	83
28) Bromochloromethane	7.818	49	43357	18.696	ug/l #	73
29) Tetrahydrofuran	7.841	42	114261	94.728	ug/l #	71
30) Chloroform	7.971	83	84969	19.455	ug/l	87
31) Cyclohexane	8.259	56	70161	18.773	ug/l #	78
32) 1,1,1-Trichloroethane	8.171	97	76061	20.425	ug/l	94
36) 1,1-Dichloropropene	8.377	75	63439	20.173	ug/l	94
37) Ethyl Acetate	7.571	43	68866	19.572	ug/l #	90
38) Carbon Tetrachloride	8.365	117	65988	20.942	ug/l	89
39) Methylcyclohexane	9.606	83	53551	18.515	ug/l #	86
40) Benzene	8.612	78	188939	20.327	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	39026	20.365	ug/l #	81
42) 1,2-Dichloroethane	8.677	62	70579	20.324	ug/l	97
43) Isopropyl Acetate	8.694	43	120059	19.305	ug/l #	87
44) Trichloroethene	9.359	130	45925	20.793	ug/l	92
45) 1,2-Dichloropropane	9.624	63	51384	20.763	ug/l	99
46) Dibromomethane	9.712	93	33695	19.850	ug/l	96
47) Bromodichloromethane	9.894	83	69230	20.654	ug/l	94
48) Methyl methacrylate	9.682	41	51872	18.407	ug/l #	80
49) 1,4-Dioxane	9.706	88	19316	402.406	ug/l	89
51) 4-Methyl-2-Pentanone	10.447	43	355710	96.437	ug/l #	85
52) Toluene	10.635	92	118561	20.775	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	71101	19.780	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	77198	19.719	ug/l #	85
55) 1,1,2-Trichloroethane	11.018	97	47800	20.889	ug/l	94
56) Ethyl methacrylate	10.876	69	70206	19.792	ug/l #	74
57) 1,3-Dichloropropane	11.165	76	83067	20.296	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	136832	80.362	ug/l	92
59) 2-Hexanone	11.200	43	252508	94.516	ug/l	82
60) Dibromochloromethane	11.365	129	50021	20.773	ug/l	98
61) 1,2-Dibromoethane	11.471	107	48678	20.934	ug/l	97
64) Tetrachloroethene	11.106	164	35809	20.343	ug/l	91
65) Chlorobenzene	11.894	112	119243	19.958	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	46775	20.716	ug/l	96
67) Ethyl Benzene	11.965	91	204183	18.792	ug/l	96
68) m/p-Xylenes	12.076	106	158398	38.992	ug/l	97
69) o-Xylene	12.406	106	78533	19.873	ug/l	99
70) Styrene	12.418	104	126908	19.260	ug/l	99
71) Bromoform	12.576	173	32059	19.530	ug/l #	97
73) Isopropylbenzene	12.700	105	188548	20.099	ug/l	100
74) N-amyl acetate	12.500	43	90968	19.211	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	69528	20.527	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	54724m	20.187	ug/l	
77) Bromobenzene	12.982	156	47185	20.926	ug/l	97
78) n-propylbenzene	13.041	91	216285	19.883	ug/l	99
79) 2-Chlorotoluene	13.129	91	138240	20.487	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	153741	20.681	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	20158	18.996	ug/l #	75
82) 4-Chlorotoluene	13.223	91	129997	19.689	ug/l	98
83) tert-Butylbenzene	13.441	119	122482	19.609	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	152160	20.671	ug/l	99
85) sec-Butylbenzene	13.617	105	171260	19.924	ug/l	99
86) p-Isopropyltoluene	13.735	119	138602	20.182	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	77811	20.054	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	79430	20.453	ug/l	98
89) n-Butylbenzene	14.059	91	104418	18.475	ug/l	99
90) Hexachloroethane	14.335	117	27773	20.174	ug/l	87
91) 1,2-Dichlorobenzene	14.112	146	77389	20.056	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12781	20.236	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	23376	17.089	ug/l	97
94) Hexachlorobutadiene	15.506	225	15049	19.095	ug/l	98
95) Naphthalene	15.641	128	69799	15.344	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.847	180	27024	18.038	ug/l	97

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

