

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082223\
 Data File : VN078983.D
 Acq On : 22 Aug 2023 10:46
 Operator : JC\MD
 Sample : VN0822WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822WBS01

Quant Time: Aug 23 02:57:41 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

Manual Integrations APPROVED

Reviewed By : Semsettin
 Yesilyurt

08/23/2023
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	173023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	309710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	273083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113245	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	135796	50.437	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.880%	
35) Dibromofluoromethane	8.171	113	106207	50.943	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.880%	
50) Toluene-d8	10.571	98	389221	50.280	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.560%	
62) 4-Bromofluorobenzene	12.853	95	121959	48.201	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.400%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	48710	20.289	ug/l	97
3) Chloromethane	2.365	50	55912	16.680	ug/l	91
4) Vinyl Chloride	2.518	62	59668	20.298	ug/l	90
5) Bromomethane	2.953	94	35190	20.850	ug/l	95
6) Chloroethane	3.124	64	40110	19.518	ug/l	95
7) Trichlorofluoromethane	3.501	101	73325	20.479	ug/l	98
8) Diethyl Ether	3.965	74	26548	19.559	ug/l	59
9) 1,1,2-Trichlorotrifluo...	4.377	101	37418	19.622	ug/l	96
10) Methyl Iodide	4.595	142	43096	20.199	ug/l	97
11) Tert butyl alcohol	5.524	59	40539	89.730	ug/l	99
12) 1,1-Dichloroethene	4.342	96	37244	20.050	ug/l	84
13) Acrolein	4.177	56	23400	85.910	ug/l	99
14) Allyl chloride	5.024	41	65013	17.585	ug/l #	86
15) Acrylonitrile	5.730	53	114467	93.525	ug/l	94
16) Acetone	4.430	43	106240	95.633	ug/l	94
17) Carbon Disulfide	4.718	76	104365	20.072	ug/l	98
18) Methyl Acetate	5.036	43	86961	18.530	ug/l #	83
19) Methyl tert-butyl Ether	5.806	73	132522	19.805	ug/l	93
20) Methylene Chloride	5.283	84	47234	19.951	ug/l #	79
21) trans-1,2-Dichloroethene	5.789	96	40893	19.632	ug/l	92
22) Diisopropyl ether	6.677	45	159823	20.435	ug/l #	88
23) Vinyl Acetate	6.612	43	496149	96.344	ug/l #	84
24) 1,1-Dichloroethane	6.571	63	86894	20.337	ug/l	96
25) 2-Butanone	7.488	43	167262	93.909	ug/l #	72
26) 2,2-Dichloropropane	7.494	77	66118	19.144	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	48694	19.233	ug/l	82
28) Bromochloromethane	7.818	49	44951	19.833	ug/l #	73
29) Tetrahydrofuran	7.847	42	112852	95.726	ug/l #	70
30) Chloroform	7.965	83	87105	20.406	ug/l	84
31) Cyclohexane	8.253	56	69546	19.079	ug/l #	70
32) 1,1,1-Trichloroethane	8.177	97	73516	20.198	ug/l #	91
36) 1,1-Dichloropropene	8.377	75	61809	19.709	ug/l	95
37) Ethyl Acetate	7.571	43	69212	19.725	ug/l #	89
38) Carbon Tetrachloride	8.365	117	64403	20.496	ug/l	97
39) Methylcyclohexane	9.606	83	53688	18.614	ug/l #	84
40) Benzene	8.612	78	191194	20.626	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.783	41	37854	19.808	ug/l	#	81
42) 1,2-Dichloroethane	8.677	62	70625	20.394	ug/l		98
43) Isopropyl Acetate	8.694	43	121529	19.596	ug/l	#	85
44) Trichloroethene	9.353	130	44502	20.205	ug/l		92
45) 1,2-Dichloropropane	9.624	63	48399	19.611	ug/l		91
46) Dibromomethane	9.718	93	32592	19.254	ug/l		92
47) Bromodichloromethane	9.894	83	68308	20.436	ug/l		95
48) Methyl methacrylate	9.688	41	54416	19.363	ug/l	#	76
49) 1,4-Dioxane	9.700	88	17589	367.443	ug/l	#	73
51) 4-Methyl-2-Pentanone	10.447	43	353591	96.128	ug/l		87
52) Toluene	10.629	92	116372	20.448	ug/l		97
53) t-1,3-Dichloropropene	10.841	75	68794	19.191	ug/l		94
54) cis-1,3-Dichloropropene	10.318	75	77460	19.841	ug/l	#	82
55) 1,1,2-Trichloroethane	11.018	97	46213	20.252	ug/l		87
56) Ethyl methacrylate	10.877	69	67921	19.201	ug/l	#	72
57) 1,3-Dichloropropane	11.171	76	79984	19.597	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.165	63	142708	84.045	ug/l	#	88
59) 2-Hexanone	11.200	43	247911	93.053	ug/l		85
60) Dibromochloromethane	11.359	129	48127	20.042	ug/l		96
61) 1,2-Dibromoethane	11.471	107	45755	19.731	ug/l		99
64) Tetrachloroethene	11.106	164	34676	20.248	ug/l		95
65) Chlorobenzene	11.894	112	117216	20.165	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.965	131	43977	20.019	ug/l		95
67) Ethyl Benzene	11.965	91	206465	19.531	ug/l		95
68) m/p-Xylenes	12.076	106	155206	39.270	ug/l		98
69) o-Xylene	12.406	106	74512	19.381	ug/l		95
70) Styrene	12.418	104	122096	19.045	ug/l		97
71) Bromoform	12.582	173	34579	21.651	ug/l	#	97
73) Isopropylbenzene	12.700	105	184598	19.550	ug/l		99
74) N-amyl acetate	12.500	43	86855	18.223	ug/l	#	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	70991	20.822	ug/l		99
76) 1,2,3-Trichloropropane	13.000	75	55921m	20.494	ug/l		
77) Bromobenzene	12.982	156	44175	19.463	ug/l		90
78) n-propylbenzene	13.041	91	210697	19.242	ug/l		99
79) 2-Chlorotoluene	13.129	91	134205	19.759	ug/l		95
80) 1,3,5-Trimethylbenzene	13.176	105	149446	19.972	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.741	75	19934	18.662	ug/l	#	82
82) 4-Chlorotoluene	13.223	91	127251	19.147	ug/l		99
83) tert-Butylbenzene	13.441	119	121321	19.297	ug/l		97
84) 1,2,4-Trimethylbenzene	13.488	105	146960	19.834	ug/l		96
85) sec-Butylbenzene	13.618	105	166822	19.280	ug/l		99
86) p-Isopropyltoluene	13.735	119	130147	18.827	ug/l		98
87) 1,3-Dichlorobenzene	13.735	146	75230	19.262	ug/l		96
88) 1,4-Dichlorobenzene	13.817	146	74668	19.101	ug/l		99
89) n-Butylbenzene	14.059	91	101507	17.843	ug/l		98
90) Hexachloroethane	14.335	117	27825	20.080	ug/l		96
91) 1,2-Dichlorobenzene	14.112	146	74275	19.123	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11307	17.210	ug/l		96
93) 1,2,4-Trichlorobenzene	15.400	180	21242	15.427	ug/l		93
94) Hexachlorobutadiene	15.512	225	12726	15.858	ug/l		90
95) Naphthalene	15.641	128	64445	14.288	ug/l		96
96) 1,2,3-Trichlorobenzene	15.847	180	24639	16.338	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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