

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
 Data File : VN079090.D
 Acq On : 29 Aug 2023 13:40
 Operator : JC\MD
 Sample : VN0829WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829WBS02

Quant Time: Aug 29 23:28:52 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 : John Carlone 08/30/2023
 Supervised By : Mahesh Dadoda 09/01/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	167199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	290402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	265747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	110903	42.626	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.260%
35) Dibromofluoromethane	8.171	113	91494	46.804	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.600%
50) Toluene-d8	10.570	98	324373	44.689	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.380%
62) 4-Bromofluorobenzene	12.853	95	107056	45.124	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.240%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.130	85	44777	19.301	ug/l	94
3) Chloromethane	2.365	50	46967	14.500	ug/l	93
4) Vinyl Chloride	2.512	62	49677	17.488	ug/l	99
5) Bromomethane	2.947	94	31949	19.589	ug/l	94
6) Chloroethane	3.118	64	36366	18.313	ug/l #	88
7) Trichlorofluoromethane	3.494	101	70117	20.266	ug/l	98
8) Diethyl Ether	3.965	74	23226	17.707	ug/l #	42
9) 1,1,2-Trichlorotrifluo...	4.377	101	38272	20.769	ug/l	99
10) Methyl Iodide	4.589	142	42273	20.504	ug/l	98
11) Tert butyl alcohol	5.536	59	44303	101.478	ug/l #	83
12) 1,1-Dichloroethene	4.336	96	35325	19.680	ug/l	95
13) Acrolein	4.183	56	24614	93.529	ug/l	86
14) Allyl chloride	5.024	41	62168	17.401	ug/l #	88
15) Acrylonitrile	5.730	53	122348	103.446	ug/l	98
16) Acetone	4.436	43	112849	105.120	ug/l	89
17) Carbon Disulfide	4.712	76	82492	16.418	ug/l	99
18) Methyl Acetate	5.030	43	93379	20.590	ug/l #	80
19) Methyl tert-butyl Ether	5.800	73	133397	20.631	ug/l	98
20) Methylene Chloride	5.288	84	47320	20.684	ug/l	85
21) trans-1,2-Dichloroethene	5.783	96	38813	19.283	ug/l	86
22) Diisopropyl ether	6.683	45	157620	20.855	ug/l #	83
23) Vinyl Acetate	6.612	43	479714	96.397	ug/l #	83
24) 1,1-Dichloroethane	6.577	63	83535	20.232	ug/l	98
25) 2-Butanone	7.488	43	172949	100.485	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	66222	19.842	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	48976	20.019	ug/l	88
28) Bromochloromethane	7.818	49	44280	20.217	ug/l #	73
29) Tetrahydrofuran	7.847	42	113220	99.384	ug/l #	71
30) Chloroform	7.971	83	88024	21.340	ug/l	97
31) Cyclohexane	8.265	56	65505	18.525	ug/l #	82
32) 1,1,1-Trichloroethane	8.171	97	73412	20.872	ug/l	94
36) 1,1-Dichloropropene	8.377	75	58726	19.971	ug/l	96
37) Ethyl Acetate	7.571	43	72936	22.169	ug/l #	87
38) Carbon Tetrachloride	8.371	117	61362	20.826	ug/l	95
39) Methylcyclohexane	9.612	83	50390	18.632	ug/l	93
40) Benzene	8.606	78	178728	20.563	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.782	41	38461	21.464	ug/l	#	79
42) 1,2-Dichloroethane	8.677	62	69674	21.457	ug/l		100
43) Isopropyl Acetate	8.694	43	117529	20.211	ug/l	#	87
44) Trichloroethene	9.359	130	42873	20.760	ug/l		96
45) 1,2-Dichloropropane	9.629	63	50337	21.752	ug/l		94
46) Dibromomethane	9.718	93	34502	21.737	ug/l		96
47) Bromodichloromethane	9.894	83	70159	22.385	ug/l		95
48) Methyl methacrylate	9.688	41	54789	20.792	ug/l	#	75
49) 1,4-Dioxane	9.706	88	20004	445.678	ug/l	#	83
51) 4-Methyl-2-Pentanone	10.453	43	367853	106.655	ug/l	#	86
52) Toluene	10.635	92	114568	21.469	ug/l		99
53) t-1,3-Dichloropropene	10.841	75	69868	20.787	ug/l		94
54) cis-1,3-Dichloropropene	10.318	75	73421	20.057	ug/l	#	84
55) 1,1,2-Trichloroethane	11.023	97	47023	21.977	ug/l		98
56) Ethyl methacrylate	10.882	69	67253	20.276	ug/l	#	72
57) 1,3-Dichloropropane	11.170	76	79211	20.697	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.165	63	139336	87.515	ug/l		91
59) 2-Hexanone	11.200	43	262841	105.216	ug/l		82
60) Dibromochloromethane	11.370	129	50489	22.424	ug/l		99
61) 1,2-Dibromoethane	11.470	107	47515	21.852	ug/l		97
64) Tetrachloroethene	11.106	164	35340	21.205	ug/l		97
65) Chlorobenzene	11.900	112	118135	20.884	ug/l		90
66) 1,1,1,2-Tetrachloroethane	11.965	131	46039	21.536	ug/l		98
67) Ethyl Benzene	11.970	91	202754	19.710	ug/l		95
68) m/p-Xylenes	12.076	106	154353	40.132	ug/l		98
69) o-Xylene	12.400	106	75201	20.100	ug/l		97
70) Styrene	12.417	104	121476	19.472	ug/l		98
71) Bromoform	12.582	173	34472	22.180	ug/l	#	96
73) Isopropylbenzene	12.700	105	190645	20.929	ug/l		99
74) N-amyl acetate	12.500	43	87711	19.076	ug/l	#	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	69860	21.240	ug/l		98
76) 1,2,3-Trichloropropane	13.000	75	58033m	22.046	ug/l		
77) Bromobenzene	12.982	156	48000	21.922	ug/l		99
78) n-propylbenzene	13.041	91	216613	20.507	ug/l		99
79) 2-Chlorotoluene	13.129	91	137166	20.934	ug/l		99
80) 1,3,5-Trimethylbenzene	13.176	105	156238	21.643	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.741	75	19180	18.613	ug/l	#	76
82) 4-Chlorotoluene	13.229	91	130820	20.404	ug/l		98
83) tert-Butylbenzene	13.441	119	135612	22.359	ug/l		96
84) 1,2,4-Trimethylbenzene	13.488	105	156849	21.944	ug/l		98
85) sec-Butylbenzene	13.623	105	180364	21.608	ug/l		98
86) p-Isopropyltoluene	13.735	119	146180	21.920	ug/l		98
87) 1,3-Dichlorobenzene	13.741	146	79990	21.230	ug/l		96
88) 1,4-Dichlorobenzene	13.811	146	76267	20.224	ug/l		95
89) n-Butylbenzene	14.059	91	106386	19.385	ug/l		99
90) Hexachloroethane	14.335	117	30321	22.682	ug/l		90
91) 1,2-Dichlorobenzene	14.111	146	79782	21.293	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11431	18.264	ug/l		91
93) 1,2,4-Trichlorobenzene	15.400	180	25630	19.296	ug/l		99
94) Hexachlorobutadiene	15.505	225	15122	19.808	ug/l		92
95) Naphthalene	15.647	128	71010	15.953	ug/l		99
96) 1,2,3-Trichlorobenzene	15.847	180	28148	19.348	ug/l		95

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

08/30/2023
 Supervised By :Mahesh
 Dadoda

09/01/2023

