Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112823\
Data File : VN080293.D
Acq On : 28 Nov 2023 13:40
Operator : JC\MD
Sample : VN1128WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 29 00:35:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	232712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	370647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	326255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	158954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	191867	49.934	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.860%			
35) Dibromofluoromethane	8.165	113	142103	51.959	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.920%			
50) Toluene-d8	10.570	98	491726	49.877	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.760%			
62) 4-Bromofluorobenzene	12.847	95	184436	49.529	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.060%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	60815	17.544	ug/l	92
3) Chloromethane	2.365	50	46574	17.871	ug/l	100
4) Vinyl Chloride	2.518	62	50918	18.462	ug/l	94
5) Bromomethane	2.959	94	35582	19.004	ug/l	98
6) Chloroethane	3.124	64	33336	18.448	ug/l	96
7) Trichlorofluoromethane	3.500	101	103411	17.974	ug/l	99
8) Diethyl Ether	3.965	74	31969	19.106	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.365	101	47175	17.939	ug/l	91
10) Methyl Iodide	4.594	142	50413	17.739	ug/l #	90
11) Tert butyl alcohol	5.506	59	36896	87.318	ug/l	98
12) 1,1-Dichloroethene	4.347	96	45003	18.297	ug/l	87
13) Acrolein	4.183	56	30457	81.447	ug/l	96
14) Allyl chloride	5.030	41	53873	17.409	ug/l	95
15) Acrylonitrile	5.718	53	108815	95.927	ug/l	99
16) Acetone	4.430	43	96307	74.623	ug/l	93
17) Carbon Disulfide	4.712	76	117933	16.058	ug/l	97
18) Methyl Acetate	5.024	43	79551	19.184	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	169240	19.484	ug/l	100
20) Methylene Chloride	5.271	84	56941	21.068	ug/l	96
21) trans-1,2-Dichloroethene	5.788	96	51419	19.029	ug/l #	82
22) Diisopropyl ether	6.671	45	142168	20.765	ug/l	98
23) Vinyl Acetate	6.606	43	384779	93.483	ug/l	93
24) 1,1-Dichloroethane	6.565	63	94328	18.916	ug/l	99
25) 2-Butanone	7.482	43	128048	83.508	ug/l	88
26) 2,2-Dichloropropane	7.488	77	91130	18.420	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	59723	19.495	ug/l	89
28) Bromochloromethane	7.812	49	40278	20.546	ug/l	100
29) Tetrahydrofuran	7.835	42	80560	97.859	ug/l	92
30) Chloroform	7.965	83	113788	20.416	ug/l	96
31) Cyclohexane	8.259	56	69374	16.602	ug/l	93
32) 1,1,1-Trichloroethane	8.165	97	106273	19.552	ug/l	99
36) 1,1-Dichloropropene	8.371	75	74922	18.922	ug/l	95
37) Ethyl Acetate	7.559	43	53966	19.649	ug/l #	77
38) Carbon Tetrachloride	8.359	117	94374	18.782	ug/l	95
39) Methylcyclohexane	9.600	83	64834	16.982	ug/l	94
40) Benzene	8.606	78	218465	19.413	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.782	41	26470	17.550	ug/l		98
42) 1,2-Dichloroethane	8.671	62	92884	20.174	ug/l		96
43) Isopropyl Acetate	8.688	43	89101	16.671	ug/l		98
44) Trichloroethene	9.347	130	58690	19.882	ug/l		86
45) 1,2-Dichloropropane	9.623	63	53571	20.484	ug/l		94
46) Dibromomethane	9.712	93	41494	20.960	ug/l		94
47) Bromodichloromethane	9.888	83	88217	20.258	ug/l		99
48) Methyl methacrylate	9.682	41	49531	17.983	ug/l		95
49) 1,4-Dioxane	9.688	88	16382	357.522	ug/l		90
51) 4-Methyl-2-Pentanone	10.447	43	267103	96.530	ug/l		99
52) Toluene	10.629	92	139472	19.804	ug/l		98
53) t-1,3-Dichloropropene	10.835	75	84283	18.838	ug/l		100
54) cis-1,3-Dichloropropene	10.312	75	91710	20.064	ug/l		93
55) 1,1,2-Trichloroethane	11.017	97	55841	20.774	ug/l		96
56) Ethyl methacrylate	10.870	69	54493	19.844	ug/l		91
57) 1,3-Dichloropropane	11.165	76	95786	20.410	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.159	63	143937	93.041	ug/l		97
59) 2-Hexanone	11.194	43	194955	87.680	ug/l		95
60) Dibromochloromethane	11.359	129	66359	20.620	ug/l		99
61) 1,2-Dibromoethane	11.470	107	54801	19.984	ug/l		98
64) Tetrachloroethene	11.100	164	59586	23.931	ug/l		96
65) Chlorobenzene	11.894	112	145654	19.702	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.959	131	60351	21.037	ug/l		96
67) Ethyl Benzene	11.964	91	253101	19.240	ug/l		99
68) m/p-Xylenes	12.070	106	192250	40.082	ug/l		88
69) o-Xylene	12.400	106	90669	20.059	ug/l		88
70) Styrene	12.411	104	139857	20.788	ug/l		94
71) Bromoform	12.576	173	43406	20.402	ug/l	#	100
73) Isopropylbenzene	12.694	105	236741	19.166	ug/l		99
74) N-amyl acetate	12.494	43	67002	17.395	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.941	83	68376	18.496	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	67151m	17.242	ug/l		
77) Bromobenzene	12.982	156	62039	19.922	ug/l		96
78) n-propylbenzene	13.035	91	260893	18.888	ug/l		99
79) 2-Chlorotoluene	13.129	91	173093	19.295	ug/l		98
80) 1,3,5-Trimethylbenzene	13.176	105	205715	19.132	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.741	75	20997	18.215	ug/l		88
82) 4-Chlorotoluene	13.223	91	178309	19.402	ug/l		97
83) tert-Butylbenzene	13.441	119	160393	18.602	ug/l		98
84) 1,2,4-Trimethylbenzene	13.482	105	200884	18.974	ug/l		98
85) sec-Butylbenzene	13.617	105	204322	18.732	ug/l		100
86) p-Isopropyltoluene	13.729	119	186356	19.125	ug/l		98
87) 1,3-Dichlorobenzene	13.735	146	105171	18.745	ug/l		99
88) 1,4-Dichlorobenzene	13.811	146	106644	18.913	ug/l		98
89) n-Butylbenzene	14.058	91	146425	17.954	ug/l		98
90) Hexachloroethane	14.335	117	33685	17.733	ug/l		74
91) 1,2-Dichlorobenzene	14.105	146	101062	18.823	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	14189	16.524	ug/l		96
93) 1,2,4-Trichlorobenzene	15.394	180	49418	15.825	ug/l		96
94) Hexachlorobutadiene	15.505	225	30472	16.957	ug/l		99
95) Naphthalene	15.647	128	134054	14.804	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	48530	16.580	ug/l		98

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

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