Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102022\
Data File : VN074940.D
Acq On : 20 Oct 2022 14:26
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 21 03:03:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 21 03:02:02 2022
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.230	168	371996	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.106	114	634468	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.865	117	676743	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	413574	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.583	65	50353	5.634	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.260%#			
35) Dibromofluoromethane	8.171	113	39065	5.634	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.260%#			
50) Toluene-d8	10.565	98	143366	5.160	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.320%#			
62) 4-Bromofluorobenzene	12.853	95	46923	5.874	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	11.740%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.136	85	35744	5.747	ug/l		96
3) Chloromethane	2.371	50	47636	5.253	ug/l		98
4) Vinyl Chloride	2.524	62	71321	4.983	ug/l		95
5) Bromomethane	2.930	94	60505	4.355	ug/l		81
6) Chloroethane	3.112	64	58848	4.516	ug/l		93
7) Trichlorofluoromethane	3.501	101	77646	7.804	ug/l		88
8) Diethyl Ether	3.983	74	25794	5.847	ug/l		99
9) 1,1,2-Trichlorotrifluo...	4.377	101	46303	7.650	ug/l	#	74
10) Methyl Iodide	4.595	142	54403	6.473	ug/l	#	66
11) Tert butyl alcohol	5.536	59	68479	32.814	ug/l	#	88
12) 1,1-Dichloroethene	4.348	96	39159	6.666	ug/l		83
13) Acrolein	4.200	56	43292	31.604	ug/l		98
14) Allyl chloride	5.042	41	59853m	5.572	ug/l		
15) Acrylonitrile	5.742	53	128164	26.471	ug/l		97
16) Acetone	4.447	43	145719	35.119	ug/l		99
17) Carbon Disulfide	4.718	76	87035	6.762	ug/l		98
18) Methyl Acetate	5.042	43	72407	4.923	ug/l		99
19) Methyl tert-butyl Ether	5.812	73	148723	6.537	ug/l		99
20) Methylene Chloride	5.289	84	51559	6.146	ug/l	#	90
21) trans-1,2-Dichloroethene	5.800	96	42406	6.604	ug/l	#	76
22) Diisopropyl ether	6.683	45	125288	5.460	ug/l	#	87
23) Vinyl Acetate	6.618	43	497689m	27.003	ug/l		
24) 1,1-Dichloroethane	6.577	63	82259	6.128	ug/l		98
25) 2-Butanone	7.494	43	181999	26.963	ug/l		100
26) 2,2-Dichloropropane	7.494	77	75829	7.112	ug/l		100
27) cis-1,2-Dichloroethene	7.500	96	50444	6.179	ug/l		99
28) Bromochloromethane	7.818	49	26505	4.401	ug/l		92
29) Tetrahydrofuran	7.847	42	110172	24.293	ug/l		94
30) Chloroform	7.971	83	87793	6.346	ug/l		99
31) Cyclohexane	8.259	56	73900	6.725	ug/l	#	78
32) 1,1,1-Trichloroethane	8.171	97	79911	6.816	ug/l	#	89
36) 1,1-Dichloropropene	8.371	75	62369	6.590	ug/l		98
37) Ethyl Acetate	7.571	43	67617	5.323	ug/l	#	91
38) Carbon Tetrachloride	8.371	117	62767	6.666	ug/l	#	91
39) Methylcyclohexane	9.600	83	70648	6.561	ug/l		88
40) Benzene	8.612	78	187237	6.171	ug/l		100

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ClientSampleId :
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Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.783	41	36459	5.460 ug/l	#	93
42) 1,2-Dichloroethane	8.677	62	67294	6.625 ug/l		99
43) Isopropyl Acetate	8.688	43	110382	5.373 ug/l		100
44) Trichloroethene	9.353	130	43324	6.322 ug/l		86
45) 1,2-Dichloropropane	9.624	63	43535	5.301 ug/l		90
46) Dibromomethane	9.712	93	34788	6.598 ug/l		97
47) Bromodichloromethane	9.894	83	70796	6.692 ug/l	#	81
48) Methyl methacrylate	9.682	41	45094	4.906 ug/l		97
49) 1,4-Dioxane	9.700	88	26255	127.314 ug/l		98
51) 4-Methyl-2-Pentanone	10.447	43	338651	25.477 ug/l		98
52) Toluene	10.629	92	118157	6.327 ug/l		95
53) t-1,3-Dichloropropene	10.835	75	64440	5.937 ug/l		89
54) cis-1,3-Dichloropropene	10.318	75	68285	5.830 ug/l		99
55) 1,1,2-Trichloroethane	11.018	97	48122	6.224 ug/l		97
56) Ethyl methacrylate	10.877	69	66636	5.415 ug/l		98
57) 1,3-Dichloropropane	11.159	76	83527	6.121 ug/l		97
58) 2-Chloroethyl Vinyl ether	10.165	63	109547	21.692 ug/l		97
59) 2-Hexanone	11.200	43	256046	26.192 ug/l		97
60) Dibromochloromethane	11.359	129	50182	6.632 ug/l		95
61) 1,2-Dibromoethane	11.465	107	46124	6.153 ug/l		95
64) Tetrachloroethene	11.100	164	37157	6.603 ug/l		92
65) Chlorobenzene	11.894	112	126065	6.561 ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.965	131	46985	6.600 ug/l		97
67) Ethyl Benzene	11.965	91	216469	6.409 ug/l		98
68) m/p-Xylenes	12.071	106	172558	13.499 ug/l		94
69) o-Xylene	12.400	106	79816	6.008 ug/l		94
70) Styrene	12.412	104	130681	6.322 ug/l		97
71) Bromoform	12.576	173	33439	6.634 ug/l	#	94
73) Isopropylbenzene	12.694	105	212081	5.770 ug/l		98
74) N-amyl acetate	12.494	43	84340	4.645 ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.941	83	77976	5.438 ug/l		97
76) 1,2,3-Trichloropropane	12.994	75	65869m	6.337 ug/l		
77) Bromobenzene	12.982	156	46750	5.710 ug/l		98
78) n-propylbenzene	13.035	91	237889	5.768 ug/l		99
79) 2-Chlorotoluene	13.123	91	151504	6.453 ug/l		100
80) 1,3,5-Trimethylbenzene	13.170	105	176283	6.133 ug/l		99
81) trans-1,4-Dichloro-2-b...	12.741	75	21245	5.531 ug/l		96
82) 4-Chlorotoluene	13.123	91	151504	6.453 ug/l		100
83) tert-Butylbenzene	13.441	119	156528	5.853 ug/l		95
84) 1,2,4-Trimethylbenzene	13.482	105	182624	6.641 ug/l		94
85) sec-Butylbenzene	13.618	105	220625	6.071 ug/l		98
86) p-Isopropyltoluene	13.729	119	177242	6.446 ug/l		97
87) 1,3-Dichlorobenzene	13.735	146	91022	6.668 ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	94898	6.925 ug/l		96
89) n-Butylbenzene	14.059	91	152780	6.712 ug/l		98
90) Hexachloroethane	14.335	117	34194	5.915 ug/l		92
91) 1,2-Dichlorobenzene	14.106	146	92834	6.745 ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15983	6.923 ug/l		95
93) 1,2,4-Trichlorobenzene	15.388	180	41072	6.042 ug/l		99
94) Hexachlorobutadiene	15.494	225	23492	6.757 ug/l		99
95) Naphthalene	15.641	128	145264	5.725 ug/l	#	96
96) 1,2,3-Trichlorobenzene	15.847	180	40264	5.808 ug/l		99

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

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

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