Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120122\
Data File : VN075521.D
Acq On : 01 Dec 2022 17:54
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 02 04:38:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	164962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	259096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	41856	47.269	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.540%			
35) Dibromofluoromethane	8.171	113	54586	53.631	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.260%			
50) Toluene-d8	10.571	98	118111	51.523	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.040%			
62) 4-Bromofluorobenzene	12.847	95	91549	54.106	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.220%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	69216	54.872	ug/l	95
3) Chloromethane	2.371	50	74787	47.649	ug/l	99
4) Vinyl Chloride	2.524	62	99052	50.074	ug/l	93
5) Bromomethane	2.918	94	88461	50.855	ug/l	94
6) Chloroethane	3.095	64	76483	51.028	ug/l	89
7) Trichlorofluoromethane	3.489	101	140749	49.807	ug/l	96
8) Diethyl Ether	3.971	74	50436	50.923	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	79568	51.004	ug/l	91
10) Methyl Iodide	4.595	142	133922	52.978	ug/l	95
11) Tert butyl alcohol	5.536	59	80976	217.841	ug/l	99
12) 1,1-Dichloroethene	4.342	96	77117	50.481	ug/l	91
13) Acrolein	4.189	56	90303	278.860	ug/l	97
14) Allyl chloride	5.024	41	99060	50.131	ug/l	95
15) Acrylonitrile	5.724	53	204084	239.303	ug/l	98
16) Acetone	4.436	43	162720	197.010	ug/l	93
17) Carbon Disulfide	4.712	76	181637	45.752	ug/l	98
18) Methyl Acetate	5.036	43	105492	50.681	ug/l	95
19) Methyl tert-butyl Ether	5.800	73	267272	49.389	ug/l	99
20) Methylene Chloride	5.283	84	88331	52.811	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	83860	48.169	ug/l	93
22) Diisopropyl ether	6.683	45	218636	48.486	ug/l	97
23) Vinyl Acetate	6.612	43	878313m	244.832	ug/l	
24) 1,1-Dichloroethane	6.577	63	142709	49.305	ug/l	98
25) 2-Butanone	7.489	43	256498	222.437	ug/l	99
26) 2,2-Dichloropropane	7.494	77	130733	48.600	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	100124	50.861	ug/l	93
28) Bromochloromethane	7.818	49	54595	46.469	ug/l #	81
29) Tetrahydrofuran	7.847	42	166683	237.640	ug/l	97
30) Chloroform	7.971	83	160536	48.299	ug/l	98
31) Cyclohexane	8.259	56	127744	45.407	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	151063	50.055	ug/l	95
36) 1,1-Dichloropropene	8.371	75	116912	52.672	ug/l	96
37) Ethyl Acetate	7.565	43	100889	50.480	ug/l	97
38) Carbon Tetrachloride	8.365	117	133710	54.838	ug/l	99
39) Methylcyclohexane	9.600	83	153469	55.245	ug/l	93
40) Benzene	8.612	78	360699	53.077	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.789	41	54850	53.680	ug/l		97
42) 1,2-Dichloroethane	8.677	62	117390	51.577	ug/l		96
43) Isopropyl Acetate	8.694	43	167023	52.064	ug/l		95
44) Trichloroethene	9.353	130	100310	53.945	ug/l		93
45) 1,2-Dichloropropane	9.624	63	82783	51.117	ug/l		97
46) Dibromomethane	9.712	93	64887	52.972	ug/l	#	87
47) Bromodichloromethane	9.888	83	124526	52.495	ug/l		100
48) Methyl methacrylate	9.683	41	75773	51.082	ug/l		93
49) 1,4-Dioxane	9.700	88	43142	1024.239	ug/l		96
51) 4-Methyl-2-Pentanone	10.447	43	531853	260.298	ug/l		96
52) Toluene	10.630	92	241487	55.143	ug/l		100
53) t-1,3-Dichloropropene	10.835	75	132072	55.459	ug/l		99
54) cis-1,3-Dichloropropene	10.312	75	144403	55.830	ug/l		94
55) 1,1,2-Trichloroethane	11.018	97	96119	53.889	ug/l		94
56) Ethyl methacrylate	10.877	69	136319	56.593	ug/l		97
57) 1,3-Dichloropropane	11.165	76	151411	52.062	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.159	63	230559	265.395	ug/l		95
59) 2-Hexanone	11.194	43	398275	259.584	ug/l		96
60) Dibromochloromethane	11.359	129	104815	57.250	ug/l		99
61) 1,2-Dibromoethane	11.471	107	101061	54.589	ug/l		98
64) Tetrachloroethene	11.106	164	91090	49.638	ug/l		91
65) Chlorobenzene	11.894	112	262387	52.873	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.965	131	98876	53.384	ug/l		98
67) Ethyl Benzene	11.965	91	465397	54.969	ug/l		97
68) m/p-Xylenes	12.071	106	380314	110.616	ug/l		99
69) o-Xylene	12.400	106	184660	54.057	ug/l		100
70) Styrene	12.412	104	306114	56.805	ug/l		98
71) Bromoform	12.582	173	80138	56.849	ug/l	#	99
73) Isopropylbenzene	12.700	105	493091	52.905	ug/l		99
74) N-amyl acetate	12.494	43	152866	53.350	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.941	83	143757	50.591	ug/l		98
76) 1,2,3-Trichloropropane	12.994	75	122743m	50.888	ug/l		
77) Bromobenzene	12.982	156	120010	52.156	ug/l		84
78) n-propylbenzene	13.035	91	551375	53.009	ug/l		98
79) 2-Chlorotoluene	13.124	91	327533	52.262	ug/l		95
80) 1,3,5-Trimethylbenzene	13.176	105	423665	54.713	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.741	75	43090m	52.857	ug/l		
82) 4-Chlorotoluene	13.124	91	327533	52.262	ug/l		95
83) tert-Butylbenzene	13.441	119	375441	53.178	ug/l		96
84) 1,2,4-Trimethylbenzene	13.482	105	423003	54.461	ug/l		99
85) sec-Butylbenzene	13.618	105	528906	55.212	ug/l		99
86) p-Isopropyltoluene	13.729	119	453716	56.293	ug/l		98
87) 1,3-Dichlorobenzene	13.735	146	226101	51.862	ug/l		97
88) 1,4-Dichlorobenzene	13.812	146	221830	50.090	ug/l		99
89) n-Butylbenzene	14.059	91	361375	53.086	ug/l		98
90) Hexachloroethane	14.335	117	75687	54.434	ug/l		80
91) 1,2-Dichlorobenzene	14.106	146	222591	52.379	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	27344	50.800	ug/l		80
93) 1,2,4-Trichlorobenzene	15.394	180	119318	54.789	ug/l		98
94) Hexachlorobutadiene	15.506	225	60666	53.481	ug/l		99
95) Naphthalene	15.641	128	368493	53.785	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	115130	53.789	ug/l		97

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

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