Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
Data File : BF120402.D
Acq On : 28 May 2020 12:18
Operator : MA/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
5/29/2020 10:27:50 PM

Quant Time: May 28 13:32:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 11:27:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	259558	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	974244	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	506130	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	957213	20.00	ng	0.00
76) Chrysene-d12	14.00	240	620129	20.00	ng	0.00
86) Perylene-d12	15.44	264	568620	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1889770	141.66	ng	0.00
7) Phenol-d6	6.48	99	2350997	139.36	ng	0.01
23) Nitrobenzene-d5	7.42	82	2176072	152.93	ng	0.01
42) 2,4,6-Tribromophenol	10.67	330	662092	160.44	ng	0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	12.95	244	3768616	134.26	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.59	88	503671	94.914	ng	100
3) Pyridine	3.34	79	1413936	84.763	ng	100
4) n-Nitrosodimethylamine	3.32	42	610101	93.407	ng	99
6) Aniline	6.52	93	1706610	79.103	ng	99
8) 2-Chlorophenol	6.63	128	1062150	68.287	ng	97
10) Phenol	6.49	94	1270232m	64.502	ng	
11) bis(2-Chloroethyl)ether	6.59	93	1085803	69.025	ng	97
12) 1,3-Dichlorobenzene	6.79	146	1179033	70.840	ng	100
13) 1,4-Dichlorobenzene	6.86	146	1172749	68.414	ng	100
14) 1,2-Dichlorobenzene	7.02	146	1045274	67.713	ng	96
15) Benzyl Alcohol	6.99	79	892009	74.428	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1729792	69.777	ng	100
17) 2-Methylphenol	7.09	107	998167	76.019	ng	99
18) Hexachloroethane	7.36	117	441614	67.625	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	777276	70.330	ng	97
22) Acetophenone	7.26	105	1347863	67.533	ng	99
24) Nitrobenzene	7.43	77	1156192	75.499	ng	97
25) Isophorone	7.67	82	2236579	75.542	ng	99
26) 2-Nitrophenol	7.75	139	579382	72.340	ng	99
27) 2,4-Dimethylphenol	7.78	122	945609	81.163	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	1299999	69.857	ng	99
29) 2,4-Dichlorophenol	7.98	162	923595	77.186	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	1000056	75.419	ng	98
31) Naphthalene	8.15	128	2920949	71.039	ng	99
32) Benzoic acid	7.93	122	836733	109.566	ng	99
33) 4-Chloroaniline	8.20	127	1369957	73.110	ng	100
34) Hexachlorobutadiene	8.27	225	592178	77.265	ng	99
35) Caprolactam	8.60	113	319202m	81.540	ng	
36) 4-Chloro-3-methylphenol	8.68	107	944499	72.965	ng	99
37) 2-Methylnaphthalene	8.84	142	1950017	69.302	ng	99
38) 1-Methylnaphthalene	8.94	142	1849498	67.771	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	889611	69.706	ng	100
41) Hexachlorocyclopentadiene	8.99	237	542715	120.201	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	682488	79.668	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.15	196	776815	78.960	ng		98
46) 1,1'-Biphenyl	9.30	154	2242179	67.612	ng		99
47) 2-Chloronaphthalene	9.33	162	1876352	70.537	ng		96
48) 2-Nitroaniline	9.42	65	638142	65.749	ng		99
49) Acenaphthylene	9.75	152	2885261	71.006	ng		98
50) Dimethylphthalate	9.62	163	2235062	69.857	ng		100
51) 2,6-Dinitrotoluene	9.67	165	527780	73.909	ng		95
52) Acenaphthene	9.92	154	1835306	75.352	ng		99
53) 3-Nitroaniline	9.84	138	620369	72.851	ng		100
54) 2,4-Dinitrophenol	9.93	184	233482	69.267	ng		89
55) Dibenzofuran	10.09	168	2595479	73.998	ng		98
56) 4-Nitrophenol	9.99	139	504562	110.271	ng		98
57) 2,4-Dinitrotoluene	10.07	165	700238	83.594	ng		100
58) Fluorene	10.43	166	1790981	67.048	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	595073	80.374	ng		98
60) Diethylphthalate	10.31	149	2248578	72.796	ng		98
62) 4-Nitroaniline	10.46	138	601066	75.800	ng		99
63) Azobenzene	10.59	77	2090737	71.617	ng		98
65) 4,6-Dinitro-2-methylphenol	10.48	198	321521	66.417	ng		85
66) n-Nitrosodiphenylamine	10.54	169	1853289	69.982	ng		99
67) 4-Bromophenyl-phenylether	10.91	248	678434	73.040	ng	#	91
68) Hexachlorobenzene	10.97	284	731051	75.231	ng		98
69) Atrazine	11.07	200	521293	65.785	ng		98
70) Pentachlorophenol	11.16	266	485393	117.445	ng		98
71) Phenanthrene	11.39	178	2816809	70.031	ng		98
72) Anthracene	11.44	178	2833811	65.811	ng		98
73) Carbazole	11.60	167	2821278	70.124	ng		99
74) Di-n-butylphthalate	11.93	149	3171439	65.407	ng	#	97
75) Fluoranthene	12.57	202	3127624	72.548	ng		98
77) Benzidine	12.69	184	990247	54.683	ng	#	93
78) Pyrene	12.80	202	3157516	71.422	ng		97
80) Butylbenzylphthalate	13.43	149	1397472	67.130	ng		97
81) Benzo(a)anthracene	13.99	228	2315899	70.806	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	876648	71.123	ng		100
83) Chrysene	14.03	228	2501307	71.218	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1477680	57.053	ng	#	98
85) Di-n-octyl phthalate	14.60	149	2778039	59.622	ng		99
87) Indeno(1,2,3-cd)pyrene	16.89	276	2419361	80.321	ng		100
88) Benzo(b)fluoranthene	15.03	252	2404134	77.419	ng		100
89) Benzo(k)fluoranthene	15.06	252	2084697	77.486	ng		99
90) Benzo(a)pyrene	15.39	252	2082747	74.785	ng		98
91) Dibenzo(a,h)anthracene	16.92	278	1931276	78.278	ng		98
92) Benzo(g,h,i)perylene	17.33	276	1987110	79.870	ng		100

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

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