Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061020\
Data File : BF120591.D
Acq On : 10 Jun 2020 14:54
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
6/11/2020 1:48:44 PM

Quant Time: Jun 10 15:56:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 13:32:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	209732	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	630713	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	217902	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	596124	20.00	ng	0.00
76) Chrysene-d12	13.97	240	426971	20.00	ng	0.00
86) Perylene-d12	15.40	264	430129	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1376236	128.31	ng	0.01
7) Phenol-d6	6.45	99	1791428	131.77	ng	0.01
23) Nitrobenzene-d5	7.37	82	1599348	158.13	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	390949	173.83	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1936831	149.19	ng	0.00
79) Terphenyl-d14	12.92	244	2692698	145.95	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.50	88	349382	62.426	ng	99
3) Pyridine	3.24	79	993250	66.300	ng	99
4) n-Nitrosodimethylamine	3.20	42	417687	65.866	ng	99
6) Aniline	6.47	93	1172661	63.891	ng	99
8) 2-Chlorophenol	6.60	128	793007	63.967	ng	98
9) Benzaldehyde	6.36	77	550026	78.367	ng	99
10) Phenol	6.46	94	936523	59.421	ng	85
11) bis(2-Chloroethyl)ether	6.55	93	799291	64.666	ng	99
12) 1,3-Dichlorobenzene	6.75	146	863732	64.023	ng	97
13) 1,4-Dichlorobenzene	6.82	146	888001	65.158	ng	98
14) 1,2-Dichlorobenzene	6.98	146	766725	57.705	ng	97
15) Benzyl Alcohol	6.96	79	632157	60.016	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1183840	64.856	ng	99
17) 2-Methylphenol	7.07	107	720330	66.191	ng	97
18) Hexachloroethane	7.32	117	325729	65.344	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	520865	62.397	ng	98
20) 3+4-Methylphenols	7.22	107	732943	54.009	ng	99
22) Acetophenone	7.22	105	941046m	72.577	ng	
24) Nitrobenzene	7.40	77	849234	79.967	ng	98
25) Isophorone	7.63	82	1606508	82.097	ng	98
26) 2-Nitrophenol	7.70	139	463981	84.720	ng	98
27) 2,4-Dimethylphenol	7.75	122	663827	82.888	ng	97
28) bis(2-Chloroethoxy)methane	7.84	93	941685	80.976	ng	99
29) 2,4-Dichlorophenol	7.95	162	672525	80.312	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	741852	78.939	ng	98
31) Naphthalene	8.11	128	2164371	76.485	ng	98
32) Benzoic acid	7.90	122	591356	90.226	ng	99
33) 4-Chloroaniline	8.16	127	1062807	84.150	ng	99
34) Hexachlorobutadiene	8.23	225	437716	79.690	ng	98
35) Caprolactam	8.56	113	231467m	80.511	ng	
36) 4-Chloro-3-methylphenol	8.65	107	698677	80.726	ng	98
37) 2-Methylnaphthalene	8.80	142	1314989	69.792	ng	99
38) 1-Methylnaphthalene	8.90	142	1230854	71.316	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	619020	107.426	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	395725	120.108	ng		100
43) 2,4,6-Trichlorophenol	9.08	196	357764	87.515	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	406599	87.480	ng		96
46) 1,1'-Biphenyl	9.27	154	1204531	81.444	ng		100
47) 2-Chloronaphthalene	9.29	162	986147	80.889	ng		98
48) 2-Nitroaniline	9.39	65	317055	83.537	ng		96
49) Acenaphthylene	9.70	152	1511920	81.922	ng		100
50) Dimethylphthalate	9.57	163	1202566	83.139	ng		99
51) 2,6-Dinitrotoluene	9.63	165	265679	82.537	ng		96
52) Acenaphthene	9.88	154	892360m	80.898	ng		
53) 3-Nitroaniline	9.80	138	312423	82.082	ng		98
54) 2,4-Dinitrophenol	9.90	184	168990	97.420	ng		92
55) Dibenzofuran	10.05	168	1331720	79.887	ng		97
56) 4-Nitrophenol	9.96	139	238449	85.914	ng		96
57) 2,4-Dinitrotoluene	10.04	165	347626	82.849	ng	#	92
58) Fluorene	10.39	166	1009778	80.625	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	315762	87.074	ng		98
60) Diethylphthalate	10.27	149	1177178	84.441	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	517305	80.006	ng		97
62) 4-Nitroaniline	10.42	138	316513	82.438	ng		97
63) Azobenzene	10.55	77	1035768	79.396	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	212593	66.496	ng		96
66) n-Nitrosodiphenylamine	10.50	169	977764	61.230	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	364512	61.216	ng		98
68) Hexachlorobenzene	10.94	284	395444	61.802	ng		99
69) Atrazine	11.03	200	310762	68.691	ng		99
70) Pentachlorophenol	11.13	266	320852	92.907	ng		99
71) Phenanthrene	11.35	178	2042714	77.575	ng		99
72) Anthracene	11.40	178	2041772	76.714	ng		99
73) Carbazole	11.56	167	2039153	78.487	ng		98
74) Di-n-butylphthalate	11.89	149	2323711	75.218	ng		99
75) Fluoranthene	12.54	202	2297592	75.663	ng		99
77) Benzidine	12.66	184	1112697	109.518	ng		99
78) Pyrene	12.77	202	2306292	85.263	ng		98
80) Butylbenzylphthalate	13.39	149	1049828	88.682	ng		99
81) Benzo(a)anthracene	13.96	228	1849821	79.750	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	728245	85.763	ng		99
83) Chrysene	14.00	228	1908554	81.057	ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	1284425	85.599	ng	#	99
85) Di-n-octyl phthalate	14.56	149	2269199	83.507	ng		100
87) Indeno(1,2,3-cd)pyrene	16.83	276	1883995	77.825	ng		100
88) Benzo(b)fluoranthene	14.99	252	2109747	93.949	ng		99
89) Benzo(k)fluoranthene	15.03	252	1683127	82.677	ng		99
90) Benzo(a)pyrene	15.35	252	1787602	87.436	ng		98
91) Dibenzo(a,h)anthracene	16.86	278	1529610	78.238	ng		99
92) Benzo(g,h,i)perylene	17.27	276	1535989	80.273	ng		99

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

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