Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
Data File : BF120883.D
Acq On : 16 Jul 2020 13:10
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
7/17/2020 12:30:02 PM

Quant Time: Jul 16 14:16:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 12:11:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	155810	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	557884	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	284754	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	542281	20.00	ng	0.00
76) Chrysene-d12	13.98	240	427758	20.00	ng	0.00
86) Perylene-d12	15.42	264	508304	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1287314	127.54	ng	0.00
7) Phenol-d6	6.46	99	1708504	132.55	ng	0.01
23) Nitrobenzene-d5	7.39	82	1440332	149.58	ng	0.01
42) 2,4,6-Tribromophenol	10.65	330	453627	158.57	ng	0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	0.00	244	0d	0.00	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	2.50	88	326772	70.872	ng	99
3) Pyridine	3.25	79	892188	70.644	ng	99
4) n-Nitrosodimethylamine	3.20	42	387114	61.272	ng	99
6) Aniline	6.48	93	1188706m	71.806	ng	
8) 2-Chlorophenol	6.60	128	734855	68.382	ng	98
9) Benzaldehyde	6.37	77	369268	48.168	ng	97
10) Phenol	6.47	94	899391	67.827	ng	87
11) bis(2-Chloroethyl)ether	6.56	93	747904	69.314	ng	98
12) 1,3-Dichlorobenzene	6.76	146	778689	65.832	ng	98
13) 1,4-Dichlorobenzene	6.84	146	775018	65.418	ng	98
14) 1,2-Dichlorobenzene	6.99	146	695629	61.716	ng	99
15) Benzyl Alcohol	6.96	79	582064	60.101	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1055791	62.732	ng	99
17) 2-Methylphenol	7.07	107	677606	70.484	ng	100
18) Hexachloroethane	7.33	117	292197	65.620	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	479992	61.845	ng	99
22) Acetophenone	7.24	105	813359	58.655	ng	99
24) Nitrobenzene	7.41	77	777380	71.903	ng	96
25) Isophorone	7.65	82	1466044	70.599	ng	99
26) 2-Nitrophenol	7.72	139	416288	105.332	ng	98
27) 2,4-Dimethylphenol	7.76	122	605326	73.023	ng	100
28) bis(2-Chloroethoxy)methane	7.86	93	872492	70.991	ng	99
29) 2,4-Dichlorophenol	7.96	162	617834	74.659	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	655841	70.559	ng	99
31) Naphthalene	8.13	128	1976503	66.293	ng	99
32) Benzoic acid	7.90	122	544594	121.392	ng	98
33) 4-Chloroaniline	8.17	127	1008508	79.714	ng	99
34) Hexachlorobutadiene	8.25	225	375931	67.249	ng	100
35) Caprolactam	8.57	113	212145m	87.979	ng	
36) 4-Chloro-3-methylphenol	8.66	107	637110	74.011	ng	99
37) 2-Methylnaphthalene	8.82	142	1294376	66.784	ng	98
38) 1-Methylnaphthalene	8.92	142	1218738	67.131	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	586334	68.131	ng	100
41) Hexachlorocyclopentadiene	8.97	237	361988	71.191	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.09	196	445993	76.053	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	496765	76.332	ng		97
46) 1,1'-Biphenyl	9.28	154	1490807	64.905	ng		98
47) 2-Chloronaphthalene	9.30	162	1254865	68.195	ng		100
48) 2-Nitroaniline	9.40	65	432998	87.946	ng		99
49) Acenaphthylene	9.72	152	1923249	66.665	ng		99
50) Dimethylphthalate	9.59	163	1517469	73.053	ng		98
51) 2,6-Dinitrotoluene	9.65	165	353819	94.285	ng		93
52) Acenaphthene	9.89	154	1258163	70.298	ng		99
53) 3-Nitroaniline	9.82	138	443840	95.734	ng		100
54) 2,4-Dinitrophenol	9.92	184	207855	167.710	ng	#	86
55) Dibenzofuran	10.06	168	1746701	67.706	ng		98
56) 4-Nitrophenol	9.97	139	347320	101.994	ng		98
57) 2,4-Dinitrotoluene	10.05	165	469657	104.242	ng		90
59) 2,3,4,6-Tetrachlorophenol	10.18	232	377041	77.854	ng		99
60) Diethylphthalate	10.29	149	1485569	68.654	ng		98
62) 4-Nitroaniline	10.43	138	435614	98.701	ng		97
63) Azobenzene	10.56	77	1403948	63.426	ng		98
65) 4,6-Dinitro-2-methylphenol	10.46	198	264891	152.034	ng		97
66) n-Nitrosodiphenylamine	10.52	169	1211387	66.648	ng		98
67) 4-Bromophenyl-phenylether	10.89	248	448086	71.232	ng		97
68) Hexachlorobenzene	10.95	284	482371	73.076	ng		95
70) Pentachlorophenol	11.14	266	304759	81.603	ng		98
71) Phenanthrene	11.37	178	1879724	63.885	ng		99
72) Anthracene	11.42	178	1916393	64.454	ng		99
73) Carbazole	11.57	167	1944211	68.045	ng		99
74) Di-n-butylphthalate	11.90	149	2230265	63.048	ng		98
75) Fluoranthene	12.55	202	2152098	68.660	ng		98
77) Benzidine	12.67	184	833504	69.034	ng		99
78) Pyrene	12.78	202	2226622	65.176	ng		98
80) Butylbenzylphthalate	13.40	149	1049322	71.143	ng		98
81) Benzo(a)anthracene	13.97	228	1728241	63.029	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	729100	78.793	ng		99
83) Chrysene	14.01	228	1959763	70.069	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1056505	54.624	ng	#	99
85) Di-n-octyl phthalate	14.57	149	2392370	69.917	ng		100
87) Indeno(1,2,3-cd)pyrene	16.87	276	2618224	80.306	ng		100
88) Benzo(b)fluoranthene	15.01	252	2460986	73.645	ng		99
89) Benzo(k)fluoranthene	15.04	252	1858878	57.167	ng		99
90) Benzo(a)pyrene	15.37	252	2109335	70.760	ng		100
91) Dibenzo(a,h)anthracene	16.89	278	2072415	76.265	ng		98
92) Benzo(g,h,i)perylene	17.30	276	2129799	85.757	ng		99

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

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