Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\
Data File : BF120712.D
Acq On : 26 Jun 2020 16:47
Operator : JU/CG
Sample : PB129807BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB129807BS

Manual Integrations APPROVED
mohammad
6/29/2020 3:18:33 PM

Quant Time: Jun 26 18:40:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	142660	20.00	ng		-0.01
21) Naphthalene-d8	8.07	136	542524	20.00	ng		-0.01
39) Acenaphthene-d10	9.83	164	284077	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	538697	20.00	ng		0.00
76) Chrysene-d12	13.96	240	245098	20.00	ng		0.00
86) Perylene-d12	15.40	264	263867	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	938056	112.73	ng		0.00
7) Phenol-d6	6.43	99	1162151	112.14	ng		0.00
23) Nitrobenzene-d5	7.36	82	743369	76.59	ng		-0.01
42) 2,4,6-Tribromophenol	10.62	330	366825	111.07	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1430457	77.04	ng		-0.01
79) Terphenyl-d14	12.90	244	1012161	91.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	133084	33.745	ng		99
3) Pyridine	3.28	79	388088	35.005	ng		98
4) n-Nitrosodimethylamine	3.22	42	175817	38.213	ng		96
6) Aniline	6.46	93	401730	30.289	ng		99
8) 2-Chlorophenol	6.58	128	405613	43.136	ng		98
9) Benzaldehyde	6.34	77	167060	25.485	ng		99
10) Phenol	6.45	94	460141	41.613	ng		82
11) bis(2-Chloroethyl)ether	6.53	93	365954	39.733	ng		98
12) 1,3-Dichlorobenzene	6.73	146	411081	41.123	ng		99
13) 1,4-Dichlorobenzene	6.81	146	415904	42.168	ng		99
14) 1,2-Dichlorobenzene	6.96	146	383300	39.895	ng		99
15) Benzyl Alcohol	6.94	79	303314	41.269	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	515735	38.889	ng		98
17) 2-Methylphenol	7.05	107	319186	39.800	ng		99
18) Hexachloroethane	7.30	117	150904	41.522	ng		97
19) n-Nitroso-di-n-propylamine	7.21	70	243386	40.486	ng		98
20) 3+4-Methylphenols	7.20	107	369985	36.919	ng	#	89
22) Acetophenone	7.20	105	482594	39.788	ng	#	98
24) Nitrobenzene	7.37	77	396172	39.005	ng		98
25) Isophorone	7.62	82	705768	37.329	ng		97
26) 2-Nitrophenol	7.69	139	217932	40.558	ng		97
27) 2,4-Dimethylphenol	7.73	122	325462	41.137	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	455650	41.576	ng		99
29) 2,4-Dichlorophenol	7.94	162	329990	41.032	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	359742	40.364	ng		99
31) Naphthalene	8.10	128	1103324	41.416	ng		100
32) Benzoic acid	7.87	122	190517	31.385	ng		95
33) 4-Chloroaniline	8.15	127	278016	22.737	ng		99
34) Hexachlorobutadiene	8.22	225	207211	39.886	ng		99
35) Caprolactam	8.52	113	105098m	40.860	ng		
36) 4-Chloro-3-methylphenol	8.64	107	336312	41.857	ng		97
37) 2-Methylnaphthalene	8.79	142	746392	42.919	ng		99
38) 1-Methylnaphthalene	8.89	142	707083	43.209	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	344256	40.585	ng		99

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Sample : PB129807BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	375010	78.895	ng	100
43) 2,4,6-Trichlorophenol	9.07	196	244053	40.560	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	253810	37.180	ng	98
46) 1,1'-Biphenyl	9.25	154	894570	42.172	ng	98
47) 2-Chloronaphthalene	9.28	162	704687	40.625	ng	99
48) 2-Nitroaniline	9.37	65	212168	38.945	ng	98
49) Acenaphthylene	9.69	152	1102601	41.187	ng	100
50) Dimethylphthalate	9.56	163	840424	41.078	ng	99
51) 2,6-Dinitrotoluene	9.62	165	190095	40.998	ng	98
52) Acenaphthene	9.86	154	647234	40.538	ng	99
53) 3-Nitroaniline	9.79	138	129959	23.336	ng	99
54) 2,4-Dinitrophenol	9.90	184	88370	34.307	ng	100
55) Dibenzofuran	10.04	168	982315	40.126	ng	99
56) 4-Nitrophenol	9.96	139	283237	67.528	ng	99
57) 2,4-Dinitrotoluene	10.03	165	246367	40.043	ng	98
58) Fluorene	10.38	166	755454	40.030	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	218231	40.634	ng	99
60) Diethylphthalate	10.26	149	828236	41.103	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	370170	37.982	ng	99
62) 4-Nitroaniline	10.40	138	196014	35.453	ng	98
63) Azobenzene	10.53	77	741282	40.527	ng	99
65) 4,6-Dinitro-2-methylphenol	10.43	198	87489	27.066	ng	98
66) n-Nitrosodiphenylamine	10.49	169	709276	42.875	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	247956	40.557	ng	99
68) Hexachlorobenzene	10.93	284	278463	42.363	ng	99
69) Atrazine	11.02	200	208244	40.679	ng	98
70) Pentachlorophenol	11.13	266	255761	69.986	ng	99
71) Phenanthrene	11.35	178	1129303	42.172	ng	99
72) Anthracene	11.39	178	1176324	43.580	ng	99
73) Carbazole	11.55	167	1076701	40.297	ng	99
74) Di-n-butylphthalate	11.88	149	1267198	42.185	ng	100
75) Fluoranthene	12.53	202	722730	23.606	ng	96
77) Benzidine	12.65	184	283789	34.237	ng	99
78) Pyrene	12.76	202	722230	41.596	ng	99
80) Butylbenzylphthalate	13.37	149	313100	40.610	ng	99
81) Benzo(a)anthracene	13.95	228	651736	44.260	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	163603	29.087	ng	100
83) Chrysene	13.99	228	636555	42.143	ng	100
84) Bis(2-ethylhexyl)phthalate	13.93	149	436318	46.370	ng	97
85) Di-n-octyl phthalate	14.55	149	766843	42.703	ng	98
87) Indeno(1,2,3-cd)pyrene	16.84	276	776857	48.401	ng	98
88) Benzo(b)fluoranthene	14.99	252	738674	46.995	ng	98
89) Benzo(k)fluoranthene	15.02	252	592377	42.592	ng	99
90) Benzo(a)pyrene	15.34	252	612920	43.572	ng	99
91) Dibenzo(a,h)anthracene	16.86	278	635842	49.401	ng	99
92) Benzo(g,h,i)perylene	17.27	276	640879	49.399	ng	96

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

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