Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
Data File : BF120235.D
Acq On : 30 Apr 2020 13:02
Operator : MA/SJ
Sample : PB128568BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB128568BS

Manual Integrations APPROVED
mohammad
5/4/2020 8:18:48 AM

Quant Time: Apr 30 13:34:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 12:39:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	92686	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	354983	20.00	ng		0.00
39) Acenaphthene-d10	9.69	164	179619	20.00	ng		0.00
64) Phenanthrene-d10	11.18	188	351946	20.00	ng		0.00
76) Chrysene-d12	13.82	240	295849	20.00	ng		0.00
87) Perylene-d12	15.23	264	281687	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	718139	133.90	ng		0.00
7) Phenol-d6	6.30	99	892871	129.20	ng		0.00
23) Nitrobenzene-d5	7.22	82	560389	81.67	ng		0.00
42) 2,4,6-Tribromophenol	10.49	330	241766	109.94	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	1092600	86.36	ng		0.00
79) Terphenyl-d14	12.77	244	1241430	70.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	97794	40.939	ng		96
3) Pyridine	2.92	79	263990	40.279	ng		98
4) n-Nitrosodimethylamine	2.88	42	145871	43.561	ng		94
6) Aniline	6.31	93	330378	36.423	ng	#	67
8) 2-Chlorophenol	6.44	128	283552	47.318	ng		99
9) Benzaldehyde	6.19	77	103749	22.988	ng		97
10) Phenol	6.32	94	358412	45.715	ng		76
11) bis(2-Chloroethyl)ether	6.39	93	269483	44.516	ng		99
12) 1,3-Dichlorobenzene	6.59	146	297079	45.283	ng		97
13) 1,4-Dichlorobenzene	6.67	146	299773	44.857	ng		99
14) 1,2-Dichlorobenzene	6.82	146	280260	45.505	ng		98
15) Benzyl Alcohol	6.80	79	234444	43.678	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	462669	39.276	ng		75
17) 2-Methylphenol	6.93	107	225304	42.130	ng	#	91
18) Hexachloroethane	7.16	117	110586	44.277	ng		92
19) n-Nitroso-di-n-propylamine	7.07	70	191304	43.048	ng		98
20) 3+4-Methylphenols	7.08	107	294557	45.036	ng	#	81
22) Acetophenone	7.06	105	382940	46.068	ng	#	99
24) Nitrobenzene	7.24	77	298628	43.263	ng		98
25) Isophorone	7.48	82	529416	40.024	ng		100
26) 2-Nitrophenol	7.56	139	148793	43.146	ng		88
27) 2,4-Dimethylphenol	7.60	122	235956	45.367	ng		99
28) bis(2-Chloroethoxy)methane	7.69	93	333499	42.847	ng		98
29) 2,4-Dichlorophenol	7.80	162	227308	42.637	ng		99
30) 1,2,4-Trichlorobenzene	7.88	180	252143	41.740	ng		98
31) Naphthalene	7.96	128	810496	43.396	ng		98
32) Benzoic acid	7.74	122	162024	35.470	ng		93
33) 4-Chloroaniline	8.01	127	204670	25.172	ng		99
34) Hexachlorobutadiene	8.07	225	144742	40.028	ng		98
35) Caprolactam	8.38	113	71962m	44.127	ng		
36) 4-Chloro-3-methylphenol	8.52	107	249592	43.242	ng		99
37) 2-Methylnaphthalene	8.65	142	536814	42.395	ng		98
38) 1-Methylnaphthalene	8.75	142	508322	42.592	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	241443	42.559	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	219966	68.186	ng		97
43) 2,4,6-Trichlorophenol	8.94	196	166910	42.606	ng		99
44) 2,4,5-Trichlorophenol	8.99	196	169678	38.455	ng		96
46) 1,1'-Biphenyl	9.12	154	657474	43.367	ng		98
47) 2-Chloronaphthalene	9.14	162	509609	43.634	ng		99
48) 2-Nitroaniline	9.25	65	176722	41.755	ng		92
49) Acenaphthylene	9.56	152	807450	45.460	ng		97
50) Dimethylphthalate	9.43	163	593245	42.700	ng		98
51) 2,6-Dinitrotoluene	9.49	165	130166	42.784	ng		90
52) Acenaphthene	9.73	154	480528	40.557	ng		98
53) 3-Nitroaniline	9.66	138	100972	29.059	ng		89
54) 2,4-Dinitrophenol	9.77	184	134942	74.084	ng		95
55) Dibenzofuran	9.90	168	724616	44.568	ng		97
56) 4-Nitrophenol	9.85	139	186946	72.310	ng		97
57) 2,4-Dinitrotoluene	9.89	165	172921	43.140	ng		93
58) Fluorene	10.25	166	574064	44.149	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	148044	43.870	ng		99
60) Diethylphthalate	10.13	149	621331	43.150	ng		99
61) 4-Chlorophenyl-phenylether	10.24	204	277925	41.702	ng		97
62) 4-Nitroaniline	10.27	138	149235	45.067	ng		98
63) Azobenzene	10.40	77	579393	44.898	ng		98
65) 4,6-Dinitro-2-methylphenol	10.30	198	97007	41.838	ng		90
66) n-Nitrosodiphenylamine	10.36	169	510163	43.586	ng		99
67) 4-Bromophenyl-phenylether	10.73	248	165313	37.770	ng		98
68) Hexachlorobenzene	10.79	284	184183	41.482	ng		96
69) Atrazine	10.89	200	156192	47.961	ng		99
70) Pentachlorophenol	10.99	266	159007	62.143	ng		99
71) Phenanthrene	11.20	178	838008	44.739	ng		97
72) Anthracene	11.26	178	879209	45.948	ng		97
73) Carbazole	11.42	167	805965	44.540	ng		97
74) Di-n-butylphthalate	11.75	149	1000357	42.053	ng		99
75) Fluoranthene	12.39	202	957135	47.358	ng		98
77) Benzidine	12.52	184	546718	54.669	ng		97
78) Pyrene	12.62	202	956027	38.332	ng		97
80) Butylbenzylphthalate	13.25	149	453494	37.472	ng		98
81) Benzo(a)anthracene	13.81	228	846792	43.508	ng		100
82) 3,3'-Dichlorobenzidine	13.78	252	203974	28.088	ng	#	98
83) Chrysene	13.85	228	855809	43.275	ng		98
84) Bis(2-ethylhexyl)phthalate	13.81	149	608406	37.124	ng		99
85) Di-n-octyl phthalate	14.43	149	1099241	39.393	ng		98
86) Indeno(1,2,3-cd)pyrene	16.59	276	981746	56.318	ng		99
88) Benzo(b)fluoranthene	14.83	252	801524	39.554	ng		100
89) Benzo(k)fluoranthene	14.86	252	756007	43.240	ng		100
90) Benzo(a)pyrene	15.17	252	729639	42.825	ng		99
91) Dibenzo(a,h)anthracene	16.60	278	822134	54.475	ng		100
92) Benzo(g,h,i)perylene	16.99	276	820737	55.093	ng		98

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

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