Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
Data File : BF121239.D
Acq On : 11 Aug 2020 14:39
Operator : JU/CG
Sample : PB130878BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB130878BS

Quant Time: Aug 11 15:27:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	153395	20.00	ng		-0.01
21) Naphthalene-d8	8.08	136	580151	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	295492	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	556019	20.00	ng		0.00
76) Chrysene-d12	13.97	240	400514	20.00	ng		0.00
86) Perylene-d12	15.42	264	386407	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	872229	93.22	ng		0.00
7) Phenol-d6	6.44	99	1049819	86.86	ng		0.00
23) Nitrobenzene-d5	7.36	82	711174	70.93	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	310788	96.09	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1281259	64.74	ng		0.00
79) Terphenyl-d14	12.91	244	1264076	68.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	136701	31.744	ng		97
3) Pyridine	3.32	79	334981	29.241	ng		100
4) n-Nitrosodimethylamine	3.26	42	172685	35.252	ng		98
6) Aniline	6.46	93	449051	28.461	ng	#	68
8) 2-Chlorophenol	6.59	128	401089	38.910	ng		98
9) Benzaldehyde	6.35	77	246551	42.922	ng		99
10) Phenol	6.45	94	460446	34.631	ng		97
11) bis(2-Chloroethyl)ether	6.53	93	374727	36.775	ng		99
12) 1,3-Dichlorobenzene	6.73	146	406874	36.401	ng		98
13) 1,4-Dichlorobenzene	6.82	146	409558	36.849	ng		98
14) 1,2-Dichlorobenzene	6.96	146	394854	37.552	ng		100
15) Benzyl Alcohol	6.95	79	312805	36.595	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	523336	35.632	ng		95
17) 2-Methylphenol	7.06	107	317152	34.713	ng		98
18) Hexachloroethane	7.30	117	152234	37.843	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	243896	35.486	ng		99
20) 3+4-Methylphenols	7.22	107	370806	31.905	ng	#	83
22) Acetophenone	7.20	105	502632	38.604	ng		95
24) Nitrobenzene	7.38	77	396714	36.711	ng		98
25) Isophorone	7.62	82	722308	36.097	ng		98
26) 2-Nitrophenol	7.70	139	212985	41.499	ng		99
27) 2,4-Dimethylphenol	7.74	122	342254	41.073	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	469460	38.434	ng		100
29) 2,4-Dichlorophenol	7.94	162	329702	38.721	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	352620	37.326	ng		100
31) Naphthalene	8.10	128	1092700	36.718	ng		99
32) Benzoic acid	7.88	122	159960	25.572	ng		100
33) 4-Chloroaniline	8.15	127	313545	23.619	ng		98
34) Hexachlorobutadiene	8.22	225	205706	36.937	ng		99
35) Caprolactam	8.54	113	101191	37.058	ng		91
36) 4-Chloro-3-methylphenol	8.65	107	336296	38.509	ng		99
37) 2-Methylnaphthalene	8.79	142	742778	38.441	ng		100
38) 1-Methylnaphthalene	8.89	142	696923	38.082	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	346767	40.278	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	315655	66.339	ng		99
43) 2,4,6-Trichlorophenol	9.08	196	228406	37.680	ng		100
44) 2,4,5-Trichlorophenol	9.12	196	242042	35.201	ng		98
46) 1,1'-Biphenyl	9.26	154	902412	40.036	ng		99
47) 2-Chloronaphthalene	9.28	162	689976	37.545	ng		98
48) 2-Nitroaniline	9.39	65	212699	38.299	ng		94
49) Acenaphthylene	9.70	152	1085242	38.013	ng		100
50) Dimethylphthalate	9.56	163	812559	38.116	ng		99
51) 2,6-Dinitrotoluene	9.63	165	179933	39.287	ng		92
52) Acenaphthene	9.87	154	632012	34.820	ng		100
53) 3-Nitroaniline	9.80	138	132442	23.057	ng		98
54) 2,4-Dinitrophenol	9.91	184	156764	61.219	ng		93
55) Dibenzofuran	10.05	168	939507	35.794	ng		98
56) 4-Nitrophenol	9.97	139	233990	53.626	ng		100
57) 2,4-Dinitrotoluene	10.03	165	227472	37.821	ng	#	89
58) Fluorene	10.39	166	723603	36.963	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	207834	39.699	ng		99
60) Diethylphthalate	10.26	149	799261	37.067	ng		100
61) 4-Chlorophenyl-phenylether	10.37	204	363360	34.800	ng		98
62) 4-Nitroaniline	10.42	138	197845	35.359	ng		100
63) Azobenzene	10.54	77	759163	36.982	ng		96
65) 4,6-Dinitro-2-methylphenol	10.45	198	117577	37.455	ng		98
66) n-Nitrosodiphenylamine	10.50	169	676613	38.683	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	235806	38.038	ng		93
68) Hexachlorobenzene	10.93	284	265700	39.622	ng	#	92
69) Atrazine	11.03	200	193938	44.770	ng		99
70) Pentachlorophenol	11.14	266	257396	67.001	ng		98
71) Phenanthrene	11.35	178	1053220	36.831	ng		99
72) Anthracene	11.40	178	1116968	38.899	ng		99
73) Carbazole	11.56	167	1027956	36.073	ng		100
74) Di-n-butylphthalate	11.89	149	1246703	37.911	ng		99
75) Fluoranthene	12.54	202	1150635	36.301	ng		99
77) Benzidine	12.66	184	567035	53.848	ng		99
78) Pyrene	12.77	202	1165451	41.158	ng		100
80) Butylbenzylphthalate	13.38	149	522025	41.355	ng		93
81) Benzo(a)anthracene	13.96	228	993550	40.966	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	315121	34.439	ng		98
83) Chrysene	13.99	228	976291	38.305	ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	721385	46.344	ng		99
85) Di-n-octyl phthalate	14.55	149	1216329	39.277	ng		99
87) Indeno(1,2,3-cd)pyrene	16.86	276	986246	36.700	ng		100
88) Benzo(b)fluoranthene	15.00	252	906259	38.800	ng		99
89) Benzo(k)fluoranthene	15.03	252	923520	43.355	ng		99
90) Benzo(a)pyrene	15.36	252	827784	38.845	ng		100
91) Dibenzo(a,h)anthracene	16.87	278	826670	37.659	ng		99
92) Benzo(g,h,i)perylene	17.29	276	826104	38.168	ng		100

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

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