Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101619\
Data File : BF117410.D
Acq On : 16 Oct 2019 13:46
Operator : JU
Sample : PB123985BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB123985BS

Manual Integrations APPROVED
mohammad
10/18/2019 8:26:27 AM

Quant Time: Oct 16 14:54:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 19:03:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	47728	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	198002	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	103436	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	169510	20.00	ng		0.00
76) Chrysene-d12	13.96	240	143337	20.00	ng		0.00
87) Perylene-d12	15.41	264	105452	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	354431	114.26	ng		0.00
7) Phenol-d6	6.44	99	460517	111.89	ng		0.00
23) Nitrobenzene-d5	7.36	82	242234	62.01	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	103383	122.81	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	434324	61.22	ng		0.00
79) Terphenyl-d14	12.90	244	483143	54.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	43014	33.684	ng		95
3) Pyridine	3.30	79	99895	30.738	ng		98
4) n-Nitrosodimethylamine	3.23	42	46702	40.780	ng		96
6) Aniline	6.46	93	142483	27.713	ng	#	85
8) 2-Chlorophenol	6.58	128	141259	40.960	ng		95
9) Benzaldehyde	6.35	77	51812	21.717	ng		93
10) Phenol	6.45	94	177200	39.880	ng		99
11) bis(2-Chloroethyl)ether	6.53	93	134403	39.786	ng		97
12) 1,3-Dichlorobenzene	6.73	146	148051	38.388	ng		98
13) 1,4-Dichlorobenzene	6.80	146	154100	39.197	ng		98
14) 1,2-Dichlorobenzene	6.96	146	145131	39.083	ng		98
15) Benzyl Alcohol	6.94	79	127275	40.420	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	133584	37.659	ng		73
17) 2-Methylphenol	7.06	107	115263	40.035	ng		96
18) Hexachloroethane	7.30	117	57892	37.874	ng		94
19) n-Nitroso-di-n-propylamine	7.20	70	105483	40.196	ng		97
20) 3+4-Methylphenols	7.21	107	150803	40.680	ng		92
22) Acetophenone	7.20	105	206805	39.803	ng		97
24) Nitrobenzene	7.37	77	160142	40.928	ng		98
25) Isophorone	7.62	82	287897	41.375	ng		98
26) 2-Nitrophenol	7.69	139	76093	43.832	ng		97
27) 2,4-Dimethylphenol	7.73	122	121032	45.873	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	171110	39.668	ng		98
29) 2,4-Dichlorophenol	7.95	162	113782	41.794	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	117660	40.091	ng		97
31) Naphthalene	8.09	128	409311	41.394	ng		99
32) Benzoic acid	7.88	122	44267	28.264	ng		85
33) 4-Chloroaniline	8.15	127	105705	25.171	ng		98
34) Hexachlorobutadiene	8.21	225	63233	37.619	ng		97
35) Caprolactam	8.53	113	38618m	45.297	ng		
36) 4-Chloro-3-methylphenol	8.65	107	132436	42.752	ng		93
37) 2-Methylnaphthalene	8.79	142	283694	42.487	ng		98
38) 1-Methylnaphthalene	8.89	142	263085	41.818	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	106133	38.125	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	36719	70.636 ng	96
43) 2,4,6-Trichlorophenol	9.07	196	73474	41.705 ng	94
44) 2,4,5-Trichlorophenol	9.12	196	81514	45.361 ng	96
46) 1,1'-Biphenyl	9.25	154	330063	39.060 ng	97
47) 2-Chloronaphthalene	9.27	162	254244	38.597 ng	99
48) 2-Nitroaniline	9.38	65	83924	39.931 ng	93
49) Acenaphthylene	9.69	152	395749	40.982 ng	99
50) Dimethylphthalate	9.55	163	301715	40.616 ng	99
51) 2,6-Dinitrotoluene	9.62	165	65998	42.268 ng	89
52) Acenaphthene	9.86	154	233740	39.834 ng	99
53) 3-Nitroaniline	9.79	138	59970	31.452 ng	95
54) 2,4-Dinitrophenol	9.92	184	45518	68.770 ng	88
55) Dibenzofuran	10.03	168	352274	41.155 ng	98
56) 4-Nitrophenol	9.97	139	80759	93.008 ng	91
57) 2,4-Dinitrotoluene	10.03	165	89815	43.594 ng	96
58) Fluorene	10.37	166	289040	40.555 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	61613	44.351 ng	99
60) Diethylphthalate	10.25	149	309619	41.349 ng	99
61) 4-Chlorophenyl-phenylether	10.36	204	127830	40.511 ng	92
62) 4-Nitroaniline	10.41	138	68756	37.935 ng	97
63) Azobenzene	10.53	77	317682	41.347 ng	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	36417	41.075 ng	95
66) n-Nitrosodiphenylamine	10.49	169	257946	40.734 ng	98
67) 4-Bromophenyl-phenylether	10.85	248	71643	38.533 ng	92
68) Hexachlorobenzene	10.93	284	74371	37.247 ng	91
69) Atrazine	11.02	200	75063	73.102 ng	99
70) Pentachlorophenol	11.13	266	59309	99.287 ng	93
71) Phenanthrene	11.34	178	399913	39.910 ng	99
72) Anthracene	11.39	178	420581	40.658 ng	100
73) Carbazole	11.55	167	397416	42.295 ng	100
74) Di-n-butylphthalate	11.87	149	522164	41.039 ng	99
75) Fluoranthene	12.53	202	435737	43.732 ng	99
77) Benzidine	12.65	184	91146	25.711 ng	97
78) Pyrene	12.76	202	445475	35.159 ng	99
80) Butylbenzylphthalate	13.36	149	229653	36.046 ng	95
81) Benzo(a)anthracene	13.95	228	394828	40.146 ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	111250	35.777 ng	99
83) Chrysene	13.99	228	377870	38.960 ng	98
84) Bis(2-ethylhexyl)phthalate	13.92	149	333930	37.173 ng	97
85) Di-n-octyl phthalate	14.53	149	577242	42.208 ng	100
86) Indeno(1,2,3-cd)pyrene	16.87	276	298814	44.062 ng	99
88) Benzo(b)fluoranthene	15.00	252	362024	55.146 ng	99
89) Benzo(k)fluoranthene	15.02	252	316876	48.570 ng	99
90) Benzo(a)pyrene	15.36	252	301522	51.868 ng	97
91) Dibenzo(a,h)anthracene	16.87	278	260766	52.348 ng	99
92) Benzo(g,h,i)perylene	17.30	276	241282	50.886 ng	96

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

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