Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
Data File : BF117237.D
Acq On : 25 Sep 2019 13:30
Operator : JU
Sample : PB123373BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB123373BS

Manual Integrations APPROVED
mohammad
9/26/2019 3:53:33 PM

Quant Time: Sep 26 03:09:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	34560	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	148521	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	77495	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	118893	20.00	ng		0.00
76) Chrysene-d12	13.98	240	66465	20.00	ng		0.00
87) Perylene-d12	15.45	264	59936	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	262754	118.70	ng		0.02
7) Phenol-d6	6.46	99	339756	118.76	ng		0.00
23) Nitrobenzene-d5	7.38	82	204378	72.30	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	77646	119.88	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	376661	76.00	ng		0.00
79) Terphenyl-d14	12.92	244	303045	85.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	36362	39.256	ng	#	90
3) Pyridine	3.42	79	85212	33.610	ng		97
4) n-Nitrosodimethylamine	3.35	42	40728	46.810	ng		88
6) Aniline	6.48	93	112142	30.446	ng	#	31
8) 2-Chlorophenol	6.61	128	114011	47.742	ng		97
9) Benzaldehyde	6.36	77	62151	44.555	ng		92
10) Phenol	6.47	94	141202	44.772	ng		86
11) bis(2-Chloroethyl)ether	6.55	93	104100	44.911	ng		100
12) 1,3-Dichlorobenzene	6.76	146	115570	43.128	ng		99
13) 1,4-Dichlorobenzene	6.83	146	119062	43.538	ng		97
14) 1,2-Dichlorobenzene	6.99	146	112173	44.057	ng		97
15) Benzyl Alcohol	6.96	79	105397	48.043	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	98161	42.864	ng		72
17) 2-Methylphenol	7.08	107	93575	46.755	ng	#	88
18) Hexachloroethane	7.33	117	46245	43.957	ng		92
19) n-Nitroso-di-n-propylamine	7.23	70	83696	48.046	ng		98
20) 3+4-Methylphenols	7.23	107	117913	47.298	ng	#	69
22) Acetophenone	7.23	105	170040	45.062	ng		99
24) Nitrobenzene	7.40	77	124761	44.694	ng		99
25) Isophorone	7.64	82	224099	44.776	ng		99
26) 2-Nitrophenol	7.72	139	56203	46.874	ng		97
27) 2,4-Dimethylphenol	7.76	122	98531	51.820	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	133628	43.336	ng		99
29) 2,4-Dichlorophenol	7.96	162	91510	45.931	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	91105	42.326	ng		98
31) Naphthalene	8.12	128	320414	44.857	ng		98
32) Benzoic acid	7.89	122	32709	26.246	ng		95
33) 4-Chloroaniline	8.17	127	72982	23.036	ng		97
34) Hexachlorobutadiene	8.23	225	52823	43.255	ng		97
35) Caprolactam	8.55	113	25946m	38.475	ng		
36) 4-Chloro-3-methylphenol	8.66	107	105454	45.394	ng		98
37) 2-Methylnaphthalene	8.81	142	217096	45.134	ng		98
38) 1-Methylnaphthalene	8.91	142	201564	44.743	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	86541	43.246	ng		99

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QLast Update : Fri Sep 13 16:23:17 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	61051	70.096	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	58883	43.359	ng		98
44) 2,4,5-Trichlorophenol	9.15	196	63578	43.819	ng		96
46) 1,1'-Biphenyl	9.27	154	262334	43.156	ng		98
47) 2-Chloronaphthalene	9.30	162	202097	42.126	ng		99
48) 2-Nitroaniline	9.40	65	63346	41.167	ng		92
49) Acenaphthylene	9.72	152	312697	43.510	ng		99
50) Dimethylphthalate	9.57	163	235628	42.943	ng		98
51) 2,6-Dinitrotoluene	9.64	165	51017	45.652	ng		89
52) Acenaphthene	9.89	154	181848	42.685	ng		99
53) 3-Nitroaniline	9.81	138	42438	30.098	ng		93
54) 2,4-Dinitrophenol	9.93	184	17450	41.186	ng		97
55) Dibenzofuran	10.06	168	280412	44.612	ng		99
56) 4-Nitrophenol	9.99	139	57156	62.546	ng		94
57) 2,4-Dinitrotoluene	10.05	165	64613	44.542	ng	#	86
58) Fluorene	10.40	166	226075	44.650	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.18	232	46637	42.003	ng		95
60) Diethylphthalate	10.27	149	236889	43.882	ng		100
61) 4-Chlorophenyl-phenylether	10.39	204	99477	45.409	ng		94
62) 4-Nitroaniline	10.43	138	48865	33.325	ng		92
63) Azobenzene	10.55	77	245628	44.551	ng		97
65) 4,6-Dinitro-2-methylphenol	10.46	198	19471	37.676	ng		86
66) n-Nitrosodiphenylamine	10.51	169	192652	46.919	ng		98
67) 4-Bromophenyl-phenylether	10.88	248	56010	46.130	ng		96
68) Hexachlorobenzene	10.96	284	60054	45.221	ng		96
69) Atrazine	11.04	200	49141	49.370	ng		98
70) Pentachlorophenol	11.15	266	50416	80.989	ng		98
71) Phenanthrene	11.36	178	295722	43.791	ng		99
72) Anthracene	11.42	178	315665	45.786	ng		99
73) Carbazole	11.57	167	252866	38.640	ng		99
74) Di-n-butylphthalate	11.89	149	349515	44.889	ng		99
75) Fluoranthene	12.55	202	274451	39.553	ng		98
77) Benzidine	12.67	184	60632	28.319	ng		98
78) Pyrene	12.78	202	271054	48.603	ng		99
80) Butylbenzylphthalate	13.39	149	120776	45.832	ng		99
81) Benzo(a)anthracene	13.97	228	193062	43.476	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	50137	35.037	ng		98
83) Chrysene	14.01	228	189795	43.822	ng		99
84) Bis(2-ethylhexyl)phthalate	13.95	149	177654	52.287	ng		100
85) Di-n-octyl phthalate	14.57	149	272709	50.995	ng	#	95
86) Indeno(1,2,3-cd)pyrene	16.92	276	163683	51.802	ng		97
88) Benzo(b)fluoranthene	15.03	252	152149	41.908	ng		99
89) Benzo(k)fluoranthene	15.06	252	158861	46.192	ng		97
90) Benzo(a)pyrene	15.39	252	151468	47.544	ng		99
91) Dibenzo(a,h)anthracene	16.92	278	139100	54.808	ng		99
92) Benzo(g,h,i)perylene	17.35	276	130470	51.588	ng		98

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

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