Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092419\
Data File : BF117217.D
Acq On : 24 Sep 2019 16:00
Operator : JU
Sample : PB123268BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Manual Integrations APPROVED
mohammad
9/26/2019 8:23:59 AM

Quant Time: Sep 25 06:20:29 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	30774	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	132576	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	72593	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	119133	20.00	ng		0.00
76) Chrysene-d12	13.98	240	81185	20.00	ng		0.00
87) Perylene-d12	15.43	264	64859	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	230678	117.03	ng		0.01
7) Phenol-d6	6.46	99	299706	117.65	ng		0.00
23) Nitrobenzene-d5	7.38	82	180478	71.53	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	73869	121.75	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	333911	71.92	ng		0.00
79) Terphenyl-d14	12.92	244	332025	76.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	33735	40.900	ng	#	96
3) Pyridine	3.39	79	77329	34.253	ng		94
4) n-Nitrosodimethylamine	3.33	42	37113	47.903	ng		82
6) Aniline	6.48	93	105803	32.259	ng	#	88
8) 2-Chlorophenol	6.60	128	99156	46.630	ng		97
9) Benzaldehyde	6.36	77	55184	44.392	ng		95
10) Phenol	6.47	94	127945	45.560	ng		84
11) bis(2-Chloroethyl)ether	6.55	93	91165	44.169	ng		97
12) 1,3-Dichlorobenzene	6.76	146	101436	42.510	ng		99
13) 1,4-Dichlorobenzene	6.83	146	104766	43.023	ng		98
14) 1,2-Dichlorobenzene	6.99	146	97033	42.799	ng		97
15) Benzyl Alcohol	6.96	79	92432	47.317	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	84111	41.248	ng		66
17) 2-Methylphenol	7.07	107	82277	46.167	ng	#	92
18) Hexachloroethane	7.32	117	40588	43.327	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	72669	46.848	ng		93
20) 3+4-Methylphenols	7.23	107	105981	47.742	ng		90
22) Acetophenone	7.22	105	149782	44.467	ng	#	99
24) Nitrobenzene	7.40	77	110654	44.408	ng		99
25) Isophorone	7.64	82	195843	43.837	ng		99
26) 2-Nitrophenol	7.72	139	49043	45.822	ng		96
27) 2,4-Dimethylphenol	7.76	122	86825	51.155	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	115289	41.885	ng		100
29) 2,4-Dichlorophenol	7.96	162	80377	45.195	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	82611	42.996	ng		97
31) Naphthalene	8.12	128	283682	44.492	ng		99
32) Benzoic acid	7.90	122	41022	34.205	ng		97
33) 4-Chloroaniline	8.17	127	72178	25.523	ng		98
34) Hexachlorobutadiene	8.23	225	46008	42.206	ng		99
35) Caprolactam	8.54	113	25321m	42.064	ng		
36) 4-Chloro-3-methylphenol	8.66	107	94996	45.810	ng		99
37) 2-Methylnaphthalene	8.81	142	196244	45.706	ng		100
38) 1-Methylnaphthalene	8.91	142	183463	45.623	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	77486	41.336	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	63923	77.426	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	51294	40.322	ng		99
44) 2,4,5-Trichlorophenol	9.14	196	55888	41.120	ng		99
46) 1,1'-Biphenyl	9.27	154	232422	40.817	ng		98
47) 2-Chloronaphthalene	9.30	162	180584	40.184	ng		97
48) 2-Nitroaniline	9.40	65	58157	40.347	ng		97
49) Acenaphthylene	9.72	152	287855	42.758	ng		99
50) Dimethylphthalate	9.57	163	212446	41.332	ng		97
51) 2,6-Dinitrotoluene	9.64	165	46412	44.335	ng		91
52) Acenaphthene	9.89	154	168602	42.248	ng		98
53) 3-Nitroaniline	9.81	138	35479	26.862	ng		98
54) 2,4-Dinitrophenol	9.93	184	32470	72.769	ng		94
55) Dibenzofuran	10.06	168	255639	43.417	ng		98
56) 4-Nitrophenol	9.99	139	56315	65.787	ng		93
57) 2,4-Dinitrotoluene	10.05	165	62998	46.361	ng	#	93
58) Fluorene	10.40	166	213316	44.975	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	45085	43.347	ng		97
60) Diethylphthalate	10.27	149	221722	43.846	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	93591	45.607	ng		96
62) 4-Nitroaniline	10.43	138	53287	38.795	ng		87
63) Azobenzene	10.55	77	228397	44.223	ng		97
65) 4,6-Dinitro-2-methylphenol	10.46	198	25596	47.275	ng		84
66) n-Nitrosodiphenylamine	10.51	169	181282	44.061	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	53289	43.800	ng		96
68) Hexachlorobenzene	10.96	284	55138	41.435	ng		94
69) Atrazine	11.04	200	50355	50.974	ng		98
70) Pentachlorophenol	11.15	266	47637	76.370	ng		96
71) Phenanthrene	11.36	178	292788	43.269	ng		99
72) Anthracene	11.42	178	306561	44.376	ng		100
73) Carbazole	11.57	167	272682	41.584	ng		99
74) Di-n-butylphthalate	11.89	149	345805	44.323	ng		99
75) Fluoranthene	12.55	202	294495	42.356	ng		98
77) Benzidine	12.67	184	115467	44.153	ng		98
78) Pyrene	12.78	202	295678	43.405	ng		98
80) Butylbenzylphthalate	13.39	149	136101	42.283	ng		97
81) Benzo(a)anthracene	13.97	228	227758	41.990	ng		98
82) 3,3'-Dichlorobenzidine	13.93	252	53421	30.563	ng		98
83) Chrysene	14.00	228	223603	42.267	ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	187702	45.228	ng		99
85) Di-n-octyl phthalate	14.56	149	291769	44.667	ng		100
86) Indeno(1,2,3-cd)pyrene	16.89	276	153524	39.778	ng		98
88) Benzo(b)fluoranthene	15.01	252	175864	44.763	ng		98
89) Benzo(k)fluoranthene	15.04	252	175334	47.113	ng		97
90) Benzo(a)pyrene	15.37	252	159704	46.324	ng		97
91) Dibenzo(a,h)anthracene	16.89	278	129955	47.318	ng		98
92) Benzo(g,h,i)perylene	17.32	276	122938	44.921	ng		98

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

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