Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
Data File : BF115782.D
Acq On : 26 Jul 2019 12:21
Operator : HP/JU
Sample : PB121703BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Manual Integrations APPROVED
mohammad
7/29/2019 5:28:44 PM

Quant Time: Jul 26 18:12:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	172787	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	722950	20.00	ng		0.00
39) Acenaphthene-d10	9.91	164	364103	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	664125	20.00	ng		0.00
76) Chrysene-d12	14.03	240	450113	20.00	ng		0.00
87) Perylene-d12	15.50	264	319754	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1086906	102.89	ng		0.02
7) Phenol-d6	6.51	99	1413469	105.45	ng		0.00
23) Nitrobenzene-d5	7.43	82	894328	71.93	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	398030	93.65	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	1615506	77.66	ng		0.00
79) Terphenyl-d14	12.97	244	1653936	67.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	173894	33.002	ng		100
3) Pyridine	3.50	79	364934	25.527	ng		98
4) n-Nitrosodimethylamine	3.44	42	190155	36.665	ng		97
6) Aniline	6.53	93	395144	21.184	ng		98
8) 2-Chlorophenol	6.66	128	440704	36.287	ng		97
9) Benzaldehyde	6.42	77	119182	14.229	ng		100
10) Phenol	6.52	94	544899	35.019	ng		96
11) bis(2-Chloroethyl)ether	6.61	93	423321	35.734	ng		95
12) 1,3-Dichlorobenzene	6.82	146	450756	33.011	ng		99
13) 1,4-Dichlorobenzene	6.89	146	457209	33.559	ng		98
14) 1,2-Dichlorobenzene	7.04	146	430034	34.529	ng		98
15) Benzyl Alcohol	7.02	79	365510	34.375	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	575558	36.903	ng		97
17) 2-Methylphenol	7.13	107	384842	36.769	ng		99
18) Hexachloroethane	7.39	117	171407	33.896	ng		96
19) n-Nitroso-di-n-propylamine	7.29	70	305824	34.984	ng		99
20) 3+4-Methylphenols	7.28	107	445387	35.825	ng		99
22) Acetophenone	7.28	105	605651	37.083	ng	#	98
24) Nitrobenzene	7.45	77	489951	36.535	ng		96
25) Isophorone	7.69	82	900399	36.191	ng		100
26) 2-Nitrophenol	7.77	139	249937	36.210	ng		100
27) 2,4-Dimethylphenol	7.80	122	395431	38.288	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	555458	36.393	ng		100
29) 2,4-Dichlorophenol	8.02	162	399004	37.148	ng		100
30) 1,2,4-Trichlorobenzene	8.10	180	421159	34.688	ng		99
31) Naphthalene	8.17	128	1279688	36.549	ng		100
32) Benzoic acid	7.94	122	285606	33.697	ng		98
33) 4-Chloroaniline	8.22	127	349982	22.567	ng		99
34) Hexachlorobutadiene	8.29	225	237749	34.147	ng		98
35) Caprolactam	8.59	113	115415m	34.773	ng		
36) 4-Chloro-3-methylphenol	8.71	107	404187	36.277	ng		98
37) 2-Methylnaphthalene	8.87	142	884674	38.118	ng		99
38) 1-Methylnaphthalene	8.97	142	820048	37.199	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	397408	36.245	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	249574	39.903	ng		98
43) 2,4,6-Trichlorophenol	9.14	196	267377	33.346	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	285652	34.787	ng		94
46) 1,1'-Biphenyl	9.33	154	1065057	37.416	ng		99
47) 2-Chloronaphthalene	9.36	162	830007	35.019	ng		100
48) 2-Nitroaniline	9.45	65	254783	34.731	ng		98
49) Acenaphthylene	9.77	152	1248495	35.549	ng		99
50) Dimethylphthalate	9.63	163	970642	35.433	ng		99
51) 2,6-Dinitrotoluene	9.69	165	214851	34.512	ng		97
52) Acenaphthene	9.94	154	763956	33.693	ng		98
53) 3-Nitroaniline	9.86	138	176439	24.801	ng		97
54) 2,4-Dinitrophenol	9.97	184	207020	64.769	ng		93
55) Dibenzofuran	10.12	168	1124710	34.929	ng		100
56) 4-Nitrophenol	10.03	139	309981	57.140	ng		99
57) 2,4-Dinitrotoluene	10.10	165	283696	35.174	ng		96
58) Fluorene	10.46	166	856451	37.206	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	244550	35.626	ng		100
60) Diethylphthalate	10.33	149	932523	36.332	ng		99
61) 4-Chlorophenyl-phenylether	10.44	204	431759	33.823	ng		97
62) 4-Nitroaniline	10.47	138	214950	31.499	ng		98
63) Azobenzene	10.61	77	946579	38.021	ng		99
65) 4,6-Dinitro-2-methylphenol	10.51	198	136523	33.646	ng		97
66) n-Nitrosodiphenylamine	10.57	169	766170	37.087	ng		99
67) 4-Bromophenyl-phenylether	10.94	248	269694	35.536	ng		99
68) Hexachlorobenzene	11.01	284	295216	34.062	ng	#	89
69) Atrazine	11.09	200	191220	28.215	ng		98
70) Pentachlorophenol	11.20	266	318775	60.135	ng		99
71) Phenanthrene	11.42	178	1243055	36.515	ng		99
72) Anthracene	11.47	178	1244835	35.383	ng		100
73) Carbazole	11.62	167	1121060	36.337	ng		100
74) Di-n-butylphthalate	11.95	149	1430168	37.634	ng		99
75) Fluoranthene	12.61	202	1291790	35.909	ng		100
77) Benzidine	12.72	184	164196	10.297	ng		99
78) Pyrene	12.84	202	1301271	34.123	ng		100
80) Butylbenzylphthalate	13.44	149	603404	37.117	ng		99
81) Benzo(a)anthracene	14.02	228	1062396	35.827	ng		99
82) 3,3'-Dichlorobenzidine	13.98	252	324609	30.793	ng		99
83) Chrysene	14.06	228	1042212	35.011	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	848013	42.112	ng		99
85) Di-n-octyl phthalate	14.62	149	1342123	41.889	ng		99
86) Indeno(1,2,3-cd)pyrene	16.98	276	883285	34.926	ng		99
88) Benzo(b)fluoranthene	15.07	252	951237	46.200	ng		100
89) Benzo(k)fluoranthene	15.10	252	911108	49.633	ng		99
90) Benzo(a)pyrene	15.44	252	843152	47.645	ng		98
91) Dibenzo(a,h)anthracene	16.99	278	754945	48.594	ng		99
92) Benzo(g,h,i)perylene	17.43	276	714995	46.146	ng		97

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

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