Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
Data File : BF115747.D
Acq On : 24 Jul 2019 13:40
Operator : HP/JU
Sample : PB121678BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121678BS

Manual Integrations APPROVED
mohammad
7/25/2019 2:17:27 PM

Quant Time: Jul 24 16:55:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 16:36:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	166147	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	671815	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	343636	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	635605	20.00	ng	0.00
76) Chrysene-d12	14.04	240	451254	20.00	ng	0.00
87) Perylene-d12	15.51	264	397235	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	822386	80.96	ng	0.00
7) Phenol-d6	6.50	99	1047599	81.28	ng	0.00
23) Nitrobenzene-d5	7.43	82	980139	84.83	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	312361	77.87	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1805449	91.96	ng	0.00
79) Terphenyl-d14	12.98	244	1843554	75.38	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.78	88	190083	37.516	ng	98
3) Pyridine	3.52	79	472349	34.361	ng	98
4) n-Nitrosodimethylamine	3.47	42	210632	42.237	ng	98
6) Aniline	6.53	93	484754	27.026	ng	98
8) 2-Chlorophenol	6.66	128	477160	40.859	ng	99
9) Benzaldehyde	6.42	77	189488	23.527	ng	99
10) Phenol	6.52	94	599909	40.096	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	453911	39.847	ng	98
12) 1,3-Dichlorobenzene	6.82	146	492773	37.530	ng	98
13) 1,4-Dichlorobenzene	6.89	146	503995	38.471	ng	98
14) 1,2-Dichlorobenzene	7.05	146	466495	38.954	ng	98
15) Benzyl Alcohol	7.02	79	400117	39.134	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	608831	40.597	ng	98
17) 2-Methylphenol	7.13	107	418935	41.626	ng	99
18) Hexachloroethane	7.39	117	187980	38.659	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	328548	39.086	ng	98
20) 3+4-Methylphenols	7.28	107	483581	40.452	ng	92
22) Acetophenone	7.28	105	645753	42.547	ng	95
24) Nitrobenzene	7.45	77	522924	41.962	ng	98
25) Isophorone	7.69	82	959655	41.509	ng	99
26) 2-Nitrophenol	7.77	139	264959	41.308	ng	94
27) 2,4-Dimethylphenol	7.80	122	463382	48.283	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	594328	41.904	ng	99
29) 2,4-Dichlorophenol	8.02	162	425775	42.658	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	454434	40.278	ng	99
31) Naphthalene	8.17	128	1381904	42.473	ng	100
32) Benzoic acid	7.95	122	297903	37.823	ng	97
33) 4-Chloroaniline	8.22	127	374283	25.971	ng	98
34) Hexachlorobutadiene	8.30	225	256319	39.617	ng	99
35) Caprolactam	8.59	113	127811m	41.439	ng	
36) 4-Chloro-3-methylphenol	8.71	107	443473	42.833	ng	98
37) 2-Methylnaphthalene	8.87	142	942330	43.693	ng	99
38) 1-Methylnaphthalene	8.97	142	878404	42.879	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	421189	40.702	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	372634	63.127	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	296458	39.175	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	307491	39.677	ng		96
46) 1,1'-Biphenyl	9.33	154	1136117	42.290	ng		100
47) 2-Chloronaphthalene	9.36	162	901587	40.305	ng		99
48) 2-Nitroaniline	9.45	65	278347	40.203	ng		98
49) Acenaphthylene	9.77	152	1369070	41.304	ng		100
50) Dimethylphthalate	9.63	163	1058140	40.927	ng		99
51) 2,6-Dinitrotoluene	9.69	165	236136	40.190	ng	#	88
52) Acenaphthene	9.95	154	828398	38.711	ng		99
53) 3-Nitroaniline	9.86	138	173509	25.842	ng		94
54) 2,4-Dinitrophenol	9.97	184	227488	75.412	ng		97
55) Dibenzofuran	10.12	168	1225365	40.322	ng		100
56) 4-Nitrophenol	10.03	139	355700	69.473	ng		99
57) 2,4-Dinitrotoluene	10.10	165	312850	41.099	ng		88
58) Fluorene	10.46	166	907959	41.793	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	266367	41.116	ng		99
60) Diethylphthalate	10.33	149	1000943	41.320	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	472248	39.198	ng		96
62) 4-Nitroaniline	10.48	138	239538	37.193	ng		97
63) Azobenzene	10.61	77	1023724	43.569	ng		99
65) 4,6-Dinitro-2-methylphenol	10.51	198	151950	39.129	ng		88
66) n-Nitrosodiphenylamine	10.57	169	823560	41.654	ng		99
67) 4-Bromophenyl-phenylether	10.94	248	295745	40.717	ng		99
68) Hexachlorobenzene	11.02	284	324340	39.101	ng		99
69) Atrazine	11.10	200	267507	41.243	ng		99
70) Pentachlorophenol	11.21	266	353870	69.751	ng		99
71) Phenanthrene	11.42	178	1356644	41.640	ng		99
72) Anthracene	11.47	178	1376998	40.896	ng		100
73) Carbazole	11.63	167	1213605	41.102	ng		99
74) Di-n-butylphthalate	11.96	149	1526343	41.967	ng		100
75) Fluoranthene	12.61	202	1389889	40.370	ng		97
77) Benzidine	12.73	184	469402	29.364	ng		100
78) Pyrene	12.84	202	1419361	37.125	ng		100
80) Butylbenzylphthalate	13.45	149	653205	40.079	ng		99
81) Benzo(a)anthracene	14.03	228	1195847	40.225	ng		99
82) 3,3'-Dichlorobenzidine	13.99	252	365586	34.592	ng		100
83) Chrysene	14.07	228	1180302	39.550	ng		99
84) Bis(2-ethylhexyl)phthalate	14.01	149	918919	45.518	ng		100
85) Di-n-octyl phthalate	14.62	149	1549360	48.235	ng		99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1056042	41.651	ng		99
88) Benzo(b)fluoranthene	15.08	252	1118698	43.736	ng		99
89) Benzo(k)fluoranthene	15.11	252	1126209	49.385	ng		99
90) Benzo(a)pyrene	15.45	252	1058128	48.130	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	892552	46.245	ng		99
92) Benzo(g,h,i)perylene	17.43	276	840063	43.643	ng		100

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

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