Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116312.D
Acq On : 16 Aug 2019 10:38
Operator : HP/JU
Sample : PB122277BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122277BS

Manual Integrations APPROVED
mohammad
8/20/2019 8:36:46 AM

Quant Time: Aug 16 11:56:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	127904	20.00	ng		-0.03
21) Naphthalene-d8	8.10	136	531253	20.00	ng		-0.03
39) Acenaphthene-d10	9.85	164	278753	20.00	ng		-0.04
64) Phenanthrene-d10	11.34	188	469723	20.00	ng		-0.03
76) Chrysene-d12	13.98	240	308439	20.00	ng		-0.03
87) Perylene-d12	15.44	264	245269	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	907506	118.78	ng		-0.01
7) Phenol-d6	6.46	99	1090524	113.13	ng		-0.02
23) Nitrobenzene-d5	7.39	82	727332	79.03	ng		-0.03
42) 2,4,6-Tribromophenol	10.65	330	300669	111.25	ng		-0.03
45) 2-Fluorobiphenyl	9.17	172	1241644	83.43	ng		-0.04
79) Terphenyl-d14	12.92	244	1318713	90.09	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	155375	40.255	ng		99
3) Pyridine	3.40	79	356396	33.054	ng		99
4) n-Nitrosodimethylamine	3.36	42	166051	39.025	ng		99
6) Aniline	6.49	93	416239	30.151	ng	#	90
8) 2-Chlorophenol	6.61	128	385610	45.641	ng		98
9) Benzaldehyde	6.38	77	129372	19.451	ng		99
10) Phenol	6.47	94	478061	42.114	ng		85
11) bis(2-Chloroethyl)ether	6.56	93	366856	43.957	ng		99
12) 1,3-Dichlorobenzene	6.76	146	410888	42.081	ng		100
13) 1,4-Dichlorobenzene	6.83	146	423038	43.271	ng		99
14) 1,2-Dichlorobenzene	6.99	146	391235	43.461	ng		99
15) Benzyl Alcohol	6.97	79	302306	41.324	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	488908	42.948	ng		84
17) 2-Methylphenol	7.08	107	313311	43.796	ng		98
18) Hexachloroethane	7.32	117	155267	43.136	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	261989	43.859	ng		100
20) 3+4-Methylphenols	7.23	107	397390	46.941	ng		91
22) Acetophenone	7.23	105	520894	44.708	ng		95
24) Nitrobenzene	7.40	77	426888	42.957	ng		97
25) Isophorone	7.64	82	773150	43.933	ng		99
26) 2-Nitrophenol	7.72	139	208114	44.427	ng		95
27) 2,4-Dimethylphenol	7.76	122	339146	48.122	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	475347	43.579	ng		99
29) 2,4-Dichlorophenol	7.97	162	330053	44.354	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	361976	42.674	ng		99
31) Naphthalene	8.12	128	1110722	44.430	ng		99
32) Benzoic acid	7.92	122	172947	34.807	ng		96
33) 4-Chloroaniline	8.17	127	289418	25.910	ng		98
34) Hexachlorobutadiene	8.23	225	204885	41.934	ng		99
35) Caprolactam	8.55	113	97787m	40.631	ng		
36) 4-Chloro-3-methylphenol	8.67	107	337635	43.614	ng		93
37) 2-Methylnaphthalene	8.81	142	728558	44.250	ng		99
38) 1-Methylnaphthalene	8.91	142	683204	43.863	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	336703	45.182	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	123567	40.123	ng		100
43) 2,4,6-Trichlorophenol	9.10	196	207414	40.436	ng		98
44) 2,4,5-Trichlorophenol	9.15	196	217763	41.069	ng		99
46) 1,1'-Biphenyl	9.27	154	889366	45.192	ng		98
47) 2-Chloronaphthalene	9.30	162	699443	42.702	ng		100
48) 2-Nitroaniline	9.40	65	214260	39.575	ng		99
49) Acenaphthylene	9.72	152	1020645	42.712	ng		99
50) Dimethylphthalate	9.57	163	806775	42.507	ng		100
51) 2,6-Dinitrotoluene	9.64	165	179113	43.425	ng	#	83
52) Acenaphthene	9.89	154	632098	43.117	ng		100
53) 3-Nitroaniline	9.82	138	133593	26.212	ng		100
54) 2,4-Dinitrophenol	9.94	184	117527	58.364	ng		94
55) Dibenzofuran	10.06	168	890707	41.779	ng		99
56) 4-Nitrophenol	9.99	139	204815	62.733	ng		98
57) 2,4-Dinitrotoluene	10.06	165	213769	38.926	ng		92
58) Fluorene	10.40	166	720848	43.947	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	193205	43.311	ng		99
60) Diethylphthalate	10.27	149	772676	43.604	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	368514	44.361	ng		97
62) 4-Nitroaniline	10.43	138	171058	32.477	ng		97
63) Azobenzene	10.55	77	800839	43.939	ng		97
65) 4,6-Dinitro-2-methylphenol	10.47	198	106058	42.607	ng		89
66) n-Nitrosodiphenylamine	10.51	169	642193	45.423	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	221918	44.133	ng		95
68) Hexachlorobenzene	10.96	284	247650	42.592	ng		96
69) Atrazine	11.04	200	193528	41.608	ng		98
70) Pentachlorophenol	11.16	266	181490	64.291	ng		98
71) Phenanthrene	11.36	178	1051518	43.789	ng		100
72) Anthracene	11.42	178	1088759	44.800	ng		99
73) Carbazole	11.57	167	968602	43.931	ng		99
74) Di-n-butylphthalate	11.89	149	1198381	46.593	ng		99
75) Fluoranthene	12.55	202	1071593	42.626	ng		97
77) Benzidine	12.67	184	274589	26.351	ng		99
78) Pyrene	12.78	202	1093863	47.047	ng		99
80) Butylbenzylphthalate	13.39	149	483468	49.157	ng		99
81) Benzo(a)anthracene	13.97	228	854093	43.323	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	263753	38.509	ng		99
83) Chrysene	14.00	228	850907	44.458	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	677762	53.030	ng		100
85) Di-n-octyl phthalate	14.55	149	1030383	50.757	ng		99
86) Indeno(1,2,3-cd)pyrene	16.90	276	731512	45.506	ng		100
88) Benzo(b)fluoranthene	15.02	252	746099	52.610	ng		99
89) Benzo(k)fluoranthene	15.04	252	706611	51.155	ng		98
90) Benzo(a)pyrene	15.38	252	679109	53.568	ng		98
91) Dibenzo(a,h)anthracene	16.90	278	623230	56.793	ng		99
92) Benzo(g,h,i)perylene	17.34	276	616900	57.241	ng		98

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

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