Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
Data File : BF118359.D
Acq On : 28 Dec 2019 12:17
Operator : JU
Sample : PB125767BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125767BSD

Manual Integrations APPROVED
mohammad
12/30/2019 2:08:32 PM

Quant Time: Dec 29 07:23:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	173412	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	770424	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	420077	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	782617	20.00	ng		0.01
76) Chrysene-d12	14.06	240	509781	20.00	ng		0.00
87) Perylene-d12	15.54	264	364716	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	841513	82.83	ng		0.02
7) Phenol-d6	6.50	99	1023574	81.22	ng		0.01
23) Nitrobenzene-d5	7.43	82	1096960	81.44	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	373441	71.99	ng		0.01
45) 2-Fluorobiphenyl	9.22	172	2261799	82.19	ng		0.00
79) Terphenyl-d14	12.99	244	2635224	85.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	149164	36.935	ng		100
3) Pyridine	3.46	79	323579	30.073	ng		96
4) n-Nitrosodimethylamine	3.42	42	183520	41.253	ng		93
6) Aniline	6.52	93	515995	32.244	ng	#	77
8) 2-Chlorophenol	6.65	128	548610	47.682	ng		98
9) Benzaldehyde	6.40	77	228574	30.936	ng		97
10) Phenol	6.51	94	642819	45.382	ng		89
11) bis(2-Chloroethyl)ether	6.59	93	471986	46.592	ng		96
12) 1,3-Dichlorobenzene	6.79	146	543220	40.995	ng		99
13) 1,4-Dichlorobenzene	6.87	146	559695	41.584	ng		99
14) 1,2-Dichlorobenzene	7.03	146	536761	42.241	ng		98
15) Benzyl Alcohol	7.00	79	443745	46.246	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	479557	44.364	ng		79
17) 2-Methylphenol	7.12	107	434150	47.046	ng		96
18) Hexachloroethane	7.36	117	204277	41.354	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	353468	45.529	ng		99
20) 3+4-Methylphenols	7.27	107	552036	46.740	ng		94
22) Acetophenone	7.27	105	728248	38.568	ng	#	94
24) Nitrobenzene	7.45	77	536543	39.763	ng		97
25) Isophorone	7.68	82	971192	41.370	ng		98
26) 2-Nitrophenol	7.76	139	308794	43.206	ng		96
27) 2,4-Dimethylphenol	7.80	122	475420	48.754	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	609496	39.699	ng		99
29) 2,4-Dichlorophenol	8.00	162	466829	41.593	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	506035	38.704	ng		98
31) Naphthalene	8.16	128	1596586	40.773	ng		99
32) Benzoic acid	7.96	122	300794	37.885	ng		97
33) 4-Chloroaniline	8.22	127	383725	22.859	ng		96
34) Hexachlorobutadiene	8.27	225	289977	37.259	ng		99
35) Caprolactam	8.60	113	148256m	42.310	ng		
36) 4-Chloro-3-methylphenol	8.71	107	493975	40.993	ng		98
37) 2-Methylnaphthalene	8.86	142	1112641	41.501	ng		100
38) 1-Methylnaphthalene	8.96	142	1038204	41.103	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	483390	38.299	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	339857	65.757	ng		97
43) 2,4,6-Trichlorophenol	9.15	196	330803	39.232	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	345852	39.872	ng		99
46) 1,1'-Biphenyl	9.33	154	1312573	39.505	ng		99
47) 2-Chloronaphthalene	9.35	162	1027362	38.419	ng		99
48) 2-Nitroaniline	9.45	65	282945	37.460	ng		98
49) Acenaphthylene	9.77	152	1599646	40.334	ng		99
50) Dimethylphthalate	9.63	163	1222218	38.760	ng		99
51) 2,6-Dinitrotoluene	9.70	165	270499	39.790	ng		92
52) Acenaphthene	9.95	154	941743	38.984	ng		100
53) 3-Nitroaniline	9.87	138	188019	23.564	ng		93
54) 2,4-Dinitrophenol	9.99	184	257639	75.478	ng		96
55) Dibenzofuran	10.12	168	1397089	39.140	ng		97
56) 4-Nitrophenol	10.05	139	383867	77.930	ng		87
57) 2,4-Dinitrotoluene	10.11	165	356939	39.294	ng	#	88
58) Fluorene	10.46	166	1127231	39.120	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	293292	39.795	ng		99
60) Diethylphthalate	10.33	149	1226003	39.301	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	558212	38.807	ng		98
62) 4-Nitroaniline	10.49	138	272254	32.845	ng		100
63) Azobenzene	10.61	77	1050507	39.315	ng		99
65) 4,6-Dinitro-2-methylphenol	10.52	198	192415	45.575	ng		88
66) n-Nitrosodiphenylamine	10.57	169	1010471	40.286	ng		99
67) 4-Bromophenyl-phenylether	10.94	248	358809	39.176	ng		99
68) Hexachlorobenzene	11.02	284	410632	38.089	ng	#	91
69) Atrazine	11.10	200	341461	44.109	ng		97
70) Pentachlorophenol	11.21	266	362569	77.655	ng		99
71) Phenanthrene	11.43	178	1643104	38.512	ng		99
72) Anthracene	11.48	178	1710706	40.059	ng		100
73) Carbazole	11.64	167	1474737	38.918	ng		99
74) Di-n-butylphthalate	11.96	149	1944798	40.477	ng		99
75) Fluoranthene	12.62	202	1694413	39.352	ng		97
77) Benzidine	12.74	184	502271	35.958	ng		99
78) Pyrene	12.85	202	1688160	40.552	ng		99
80) Butylbenzylphthalate	13.46	149	801507	42.761	ng		99
81) Benzo(a)anthracene	14.04	228	1407161	39.435	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	423596	35.012	ng		99
83) Chrysene	14.09	228	1330106	38.929	ng		100
84) Bis(2-ethylhexyl)phthalate	14.02	149	1122660	45.550	ng		98
85) Di-n-octyl phthalate	14.63	149	1738496	47.952	ng		100
86) Indeno(1,2,3-cd)pyrene	17.07	276	1061420	36.459	ng		99
88) Benzo(b)fluoranthene	15.11	252	1116608	46.122	ng		99
89) Benzo(k)fluoranthene	15.14	252	1112117	47.842	ng		99
90) Benzo(a)pyrene	15.49	252	954541	44.758	ng		98
91) Dibenzo(a,h)anthracene	17.07	278	911010	49.225	ng		98
92) Benzo(g,h,i)perylene	17.52	276	886098	49.564	ng		98

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

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