Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
Data File : BF116580.D
Acq On : 27 Aug 2019 12:56
Operator : HP/JU
Sample : PB122218BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122218BSD

Manual Integrations APPROVED
mohammad
8/29/2019 7:54:42 AM

Quant Time: Aug 27 17:55:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	71085	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	303440	20.00	ng		0.00
39) Acenaphthene-d10	9.91	164	221829	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	395042	20.00	ng		0.00
76) Chrysene-d12	14.03	240	272719	20.00	ng		0.00
87) Perylene-d12	15.49	264	239083	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	491434	101.01	ng		0.01
7) Phenol-d6	6.51	99	622956	104.43	ng		0.00
23) Nitrobenzene-d5	7.43	82	379784	68.47	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	232913	122.28	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	947210	68.76	ng		0.00
79) Terphenyl-d14	12.97	244	1003228	68.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	87943	41.750	ng		96
3) Pyridine	3.49	79	213467	33.278	ng		98
4) n-Nitrosodimethylamine	3.44	42	103626	44.253	ng	#	90
6) Aniline	6.54	93	254086	31.462	ng		98
8) 2-Chlorophenol	6.66	128	216375	42.382	ng		99
9) Benzaldehyde	6.42	77	158673	39.811	ng		98
10) Phenol	6.52	94	276104	42.623	ng		98
11) bis(2-Chloroethyl)ether	6.61	93	197971	40.139	ng		97
12) 1,3-Dichlorobenzene	6.82	146	227369	41.146	ng		95
13) 1,4-Dichlorobenzene	6.89	146	234488	44.090	ng		99
14) 1,2-Dichlorobenzene	7.05	146	218144	43.480	ng		99
15) Benzyl Alcohol	7.02	79	205802	42.631	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.15	45	238615	34.990	ng		96
17) 2-Methylphenol	7.13	107	185653	43.890	ng		97
18) Hexachloroethane	7.39	117	90449	43.607	ng		96
19) n-Nitroso-di-n-propylamine	7.29	70	162668	39.963	ng		98
20) 3+4-Methylphenols	7.27	107	234559	45.266	ng		89
22) Acetophenone	7.28	105	320272	42.209	ng	#	93
24) Nitrobenzene	7.45	77	249225	43.390	ng		95
25) Isophorone	7.69	82	442865	40.518	ng		99
26) 2-Nitrophenol	7.77	139	115497	55.050	ng		97
27) 2,4-Dimethylphenol	7.81	122	197219	45.051	ng		94
28) bis(2-Chloroethoxy)methane	7.90	93	262939	38.955	ng		98
29) 2,4-Dichlorophenol	8.01	162	187370	45.007	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	202386	43.182	ng		97
31) Naphthalene	8.18	128	655768	44.674	ng		100
32) Benzoic acid	7.92	122	135996	48.594	ng		97
33) 4-Chloroaniline	8.22	127	150242	23.315	ng		99
34) Hexachlorobutadiene	8.30	225	117421	45.939	ng		99
35) Caprolactam	8.58	113	70790m	48.816	ng		
36) 4-Chloro-3-methylphenol	8.70	107	265905	56.608	ng		96
37) 2-Methylnaphthalene	8.87	142	565707	56.128	ng		99
38) 1-Methylnaphthalene	8.97	142	551053	58.529	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	250960	42.050	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	320143	99.700	ng		98
43) 2,4,6-Trichlorophenol	9.15	196	180068	43.110	ng		96
44) 2,4,5-Trichlorophenol	9.18	196	194150	45.681	ng		98
46) 1,1'-Biphenyl	9.33	154	727519	41.020	ng		100
47) 2-Chloronaphthalene	9.36	162	568972	41.381	ng		99
48) 2-Nitroaniline	9.45	65	175856	41.772	ng		99
49) Acenaphthylene	9.77	152	878605	43.676	ng		98
50) Dimethylphthalate	9.63	163	657174	42.461	ng		99
51) 2,6-Dinitrotoluene	9.69	165	146961	46.390	ng		98
52) Acenaphthene	9.95	154	604551	46.835	ng		100
53) 3-Nitroaniline	9.85	138	114057	30.204	ng		96
54) 2,4-Dinitrophenol	9.96	184	137423	107.548	ng	#	1
55) Dibenzofuran	10.12	168	781607	43.438	ng		98
56) 4-Nitrophenol	10.02	139	248535	84.678	ng		94
57) 2,4-Dinitrotoluene	10.09	165	199407	49.468	ng		86
58) Fluorene	10.46	166	598525	42.814	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	158023	45.282	ng		99
60) Diethylphthalate	10.33	149	646536	42.502	ng		100
61) 4-Chlorophenyl-phenylether	10.45	204	290185	42.549	ng		98
62) 4-Nitroaniline	10.47	138	159548	43.200	ng		98
63) Azobenzene	10.61	77	651908	41.680	ng		100
65) 4,6-Dinitro-2-methylphenol	10.50	198	98716	59.053	ng		90
66) n-Nitrosodiphenylamine	10.56	169	541649	42.345	ng		100
67) 4-Bromophenyl-phenylether	10.94	248	172633	41.683	ng		96
68) Hexachlorobenzene	11.01	284	185105	40.409	ng		95
69) Atrazine	11.09	200	161350	42.100	ng		99
70) Pentachlorophenol	11.20	266	233734	87.457	ng		99
71) Phenanthrene	11.42	178	918478	42.680	ng		99
72) Anthracene	11.47	178	934474	43.213	ng		100
73) Carbazole	11.62	167	815692	42.022	ng		100
74) Di-n-butylphthalate	11.95	149	1011106	42.036	ng		100
75) Fluoranthene	12.60	202	937770	42.149	ng		100
77) Benzidine	12.72	184	483298	44.047	ng		98
78) Pyrene	12.83	202	949890	43.554	ng		100
80) Butylbenzylphthalate	13.44	149	422203	44.825	ng		93
81) Benzo(a)anthracene	14.02	228	761816	43.130	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	189488	30.104	ng		98
83) Chrysene	14.06	228	750102	41.899	ng		100
84) Bis(2-ethylhexyl)phthalate	14.01	149	556914	44.342	ng		100
85) Di-n-octyl phthalate	14.62	149	928992	43.568	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	583600	38.055	ng		98
88) Benzo(b)fluoranthene	15.07	252	681379	46.134	ng		97
89) Benzo(k)fluoranthene	15.10	252	643951	48.127	ng		99
90) Benzo(a)pyrene	15.43	252	606710	46.479	ng		98
91) Dibenzo(a,h)anthracene	16.97	278	487095	45.412	ng		96
92) Benzo(g,h,i)perylene	17.40	276	466317	45.603	ng		96

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

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