Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115182.D
Acq On : 25 Jun 2019 12:14
Operator : HP/JU
Sample : PB120870BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB120870BS

Manual Integrations APPROVED
mohammad
6/26/2019 2:03:11 PM

Quant Time: Jun 26 06:40:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	265919	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	1071852	20.00	ng		0.00
39) Acenaphthene-d10	9.64	164	541113	20.00	ng		0.00
64) Phenanthrene-d10	11.11	188	1044704	20.00	ng		0.00
76) Chrysene-d12	13.74	240	729122	20.00	ng		-0.01
87) Perylene-d12	15.10	264	778641	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1852026	107.48	ng		0.02
7) Phenol-d6	6.26	99	2292468	109.61	ng		0.00
23) Nitrobenzene-d5	7.18	82	1411492	81.01	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	669881	117.39	ng		0.00
45) 2-Fluorobiphenyl	8.97	172	2726132	85.58	ng		-0.01
79) Terphenyl-d14	12.70	244	2790335	81.37	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	291387	35.829	ng		99
3) Pyridine	2.94	79	786679	34.320	ng		99
4) n-Nitrosodimethylamine	2.88	42	326686	36.355	ng		99
6) Aniline	6.27	93	675635	23.504	ng	#	1
8) 2-Chlorophenol	6.40	128	787547	40.644	ng		98
9) Benzaldehyde	6.15	77	108229	7.932	ng		98
10) Phenol	6.27	94	899544	36.717	ng		95
11) bis(2-Chloroethyl)ether	6.35	93	709871	39.307	ng		98
12) 1,3-Dichlorobenzene	6.55	146	826216	38.421	ng		100
13) 1,4-Dichlorobenzene	6.63	146	833581	38.656	ng		99
14) 1,2-Dichlorobenzene	6.78	146	778598	38.989	ng		99
15) Benzyl Alcohol	6.76	79	546431	35.879	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1003344	38.305	ng		96
17) 2-Methylphenol	6.88	107	686752	42.939	ng		98
18) Hexachloroethane	7.12	117	299528	38.529	ng		96
19) n-Nitroso-di-n-propylamine	7.04	70	500135	37.350	ng		97
20) 3+4-Methylphenols	7.03	107	775985	42.018	ng		90
22) Acetophenone	7.02	105	1031887	42.052	ng	#	98
24) Nitrobenzene	7.20	77	789274	41.117	ng		98
25) Isophorone	7.44	82	1448307	40.576	ng		99
26) 2-Nitrophenol	7.51	139	446397	47.090	ng		97
27) 2,4-Dimethylphenol	7.56	122	741130	47.750	ng		97
28) bis(2-Chloroethoxy)methane	7.65	93	907665	40.233	ng		99
29) 2,4-Dichlorophenol	7.75	162	695846	43.443	ng		97
30) 1,2,4-Trichlorobenzene	7.84	180	735366	41.563	ng		100
31) Naphthalene	7.91	128	2220763	42.208	ng		100
32) Benzoic acid	7.70	122	580145	52.364	ng		97
33) 4-Chloroaniline	7.96	127	559967	23.287	ng		99
34) Hexachlorobutadiene	8.04	225	395972	40.840	ng		99
35) Caprolactam	8.34	113	231359m	42.962	ng		
36) 4-Chloro-3-methylphenol	8.45	107	710350	43.791	ng		99
37) 2-Methylnaphthalene	8.61	142	1534635	43.259	ng		99
38) 1-Methylnaphthalene	8.71	142	1458671	43.052	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	644128	42.125	ng		100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	675061	74.453 ng	100
43) 2,4,6-Trichlorophenol	8.88	196	500244	42.375 ng	99
44) 2,4,5-Trichlorophenol	8.93	196	539547	44.381 ng	98
46) 1,1'-Biphenyl	9.07	154	1769093	40.860 ng	98
47) 2-Chloronaphthalene	9.09	162	1443436	41.100 ng	97
48) 2-Nitroaniline	9.18	65	426055	41.611 ng	96
49) Acenaphthylene	9.50	152	2249169	41.104 ng	99
50) Dimethylphthalate	9.38	163	1643239	41.276 ng	100
51) 2,6-Dinitrotoluene	9.43	165	395594	43.041 ng	96
52) Acenaphthene	9.68	154	1395650	40.761 ng	99
53) 3-Nitroaniline	9.59	138	292234	26.055 ng	97
54) 2,4-Dinitrophenol	9.70	184	426329	89.212 ng	95
55) Dibenzofuran	9.85	168	1960649	39.896 ng	98
56) 4-Nitrophenol	9.77	139	709025	78.851 ng	96
57) 2,4-Dinitrotoluene	9.83	165	519507	43.775 ng	94
58) Fluorene	10.19	166	1366020	41.192 ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	458118	44.940 ng	97
60) Diethylphthalate	10.08	149	1616991	40.406 ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	653578	41.505 ng	96
62) 4-Nitroaniline	10.21	138	428559	38.087 ng	98
63) Azobenzene	10.34	77	1493683	39.961 ng	98
65) 4,6-Dinitro-2-methylphenol	10.24	198	256639	46.358 ng	91
66) n-Nitrosodiphenylamine	10.30	169	1369277	42.070 ng	99
67) 4-Bromophenyl-phenylether	10.67	248	469078	41.413 ng	93
68) Hexachlorobenzene	10.74	284	514892	41.880 ng	96
69) Atrazine	10.83	200	434572	41.507 ng	99
70) Pentachlorophenol	10.92	266	632414	80.743 ng	97
71) Phenanthrene	11.14	178	2206237	39.223 ng	100
72) Anthracene	11.19	178	2267772	39.940 ng	98
73) Carbazole	11.34	167	2068497	40.798 ng	99
74) Di-n-butylphthalate	11.69	149	2362548	40.325 ng	98
75) Fluoranthene	12.32	202	2269868	40.446 ng	98
77) Benzidine	12.44	184	776386	23.980 ng	99
78) Pyrene	12.54	202	2306574	41.164 ng	98
80) Butylbenzylphthalate	13.18	149	1070158	43.277 ng	95
81) Benzo(a)anthracene	13.72	228	2128501	40.685 ng	100
82) 3,3'-Dichlorobenzidine	13.69	252	674340	35.693 ng	98
83) Chrysene	13.77	228	2025751	42.271 ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1382032	42.653 ng	100
85) Di-n-octyl phthalate	14.35	149	2355242	43.263 ng	100
86) Indeno(1,2,3-cd)pyrene	16.38	276	2387453	42.101 ng	99
88) Benzo(b)fluoranthene	14.73	252	2344025	48.246 ng	99
89) Benzo(k)fluoranthene	14.76	252	1985392	45.568 ng	97
90) Benzo(a)pyrene	15.05	252	2124903	48.525 ng	100
91) Dibenzo(a,h)anthracene	16.40	278	1965261	48.073 ng	98
92) Benzo(g,h,i)perylene	16.76	276	1994331	48.200 ng	99

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

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