Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115312.D
Acq On : 29 Jun 2019 10:07
Operator : HP/JU
Sample : PB120999BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Manual Integrations APPROVED
mohammad
7/1/2019 5:58:52 PM

Quant Time: Jun 30 02:00:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	247239	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	950136	20.00	ng		0.00
39) Acenaphthene-d10	9.63	164	455989	20.00	ng		0.00
64) Phenanthrene-d10	11.10	188	890708	20.00	ng		0.00
76) Chrysene-d12	13.72	240	609176	20.00	ng		0.00
87) Perylene-d12	15.08	264	751441	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1860442	116.12	ng		0.02
7) Phenol-d6	6.25	99	2272504	116.86	ng		0.01
23) Nitrobenzene-d5	7.17	82	1423492	92.16	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	658905	137.03	ng		0.01
45) 2-Fluorobiphenyl	8.96	172	2575508	95.94	ng		0.00
79) Terphenyl-d14	12.68	244	2724668	95.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	252389	33.379	ng		99
3) Pyridine	2.88	79	731198	34.310	ng		98
4) n-Nitrosodimethylamine	2.84	42	316011	37.824	ng		97
6) Aniline	6.27	93	660158	24.701	ng	#	12
8) 2-Chlorophenol	6.39	128	762513	42.326	ng		99
9) Benzaldehyde	6.14	77	146115	11.517	ng		96
10) Phenol	6.27	94	870466	38.214	ng		96
11) bis(2-Chloroethyl)ether	6.34	93	694618	41.368	ng		99
12) 1,3-Dichlorobenzene	6.54	146	806230	40.324	ng		100
13) 1,4-Dichlorobenzene	6.62	146	827668	41.282	ng		100
14) 1,2-Dichlorobenzene	6.77	146	759941	40.930	ng		99
15) Benzyl Alcohol	6.75	79	539389	38.092	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	980383	40.256	ng		95
17) 2-Methylphenol	6.87	107	652064	43.850	ng		98
18) Hexachloroethane	7.11	117	297687	41.185	ng		97
19) n-Nitroso-di-n-propylamine	7.03	70	481907	38.708	ng		98
20) 3+4-Methylphenols	7.02	107	731296	42.590	ng	#	78
22) Acetophenone	7.01	105	1010220	46.443	ng	#	95
24) Nitrobenzene	7.18	77	769914	45.246	ng		100
25) Isophorone	7.43	82	1392131	43.998	ng		99
26) 2-Nitrophenol	7.50	139	429478	51.109	ng		100
27) 2,4-Dimethylphenol	7.55	122	705904	51.306	ng		99
28) bis(2-Chloroethoxy)methane	7.64	93	881992	44.103	ng		100
29) 2,4-Dichlorophenol	7.75	162	658895	46.405	ng		99
30) 1,2,4-Trichlorobenzene	7.82	180	717209	45.730	ng		100
31) Naphthalene	7.91	128	2101092	45.049	ng		100
32) Benzoic acid	7.70	122	499825	50.893	ng		98
33) 4-Chloroaniline	7.95	127	380485	17.850	ng		99
34) Hexachlorobutadiene	8.03	225	387559	45.093	ng		98
35) Caprolactam	8.33	113	216133m	45.276	ng		
36) 4-Chloro-3-methylphenol	8.45	107	662805	46.094	ng		97
37) 2-Methylnaphthalene	8.60	142	1441477	45.838	ng		98
38) 1-Methylnaphthalene	8.70	142	1369478	45.597	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	619926	48.110	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	697089	91.235	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	468382	47.083	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	508345	49.621	ng	97
46) 1,1'-Biphenyl	9.06	154	1680647	46.063	ng	99
47) 2-Chloronaphthalene	9.08	162	1341068	45.313	ng	97
48) 2-Nitroaniline	9.18	65	400840	46.456	ng	85
49) Acenaphthylene	9.49	152	2077812	45.061	ng	99
50) Dimethylphthalate	9.37	163	1550378	46.214	ng	100
51) 2,6-Dinitrotoluene	9.42	165	369390	47.693	ng	99
52) Acenaphthene	9.67	154	1211496	41.988	ng	99
53) 3-Nitroaniline	9.58	138	241438	25.544	ng	95
54) 2,4-Dinitrophenol	9.70	184	416233	102.195	ng	98
55) Dibenzofuran	9.84	168	1821530	43.985	ng	100
56) 4-Nitrophenol	9.76	139	670926	88.543	ng	94
57) 2,4-Dinitrotoluene	9.82	165	492160	49.213	ng	98
58) Fluorene	10.18	166	1271493	46.306	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	438556	51.053	ng	97
60) Diethylphthalate	10.07	149	1507614	44.706	ng	99
61) 4-Chlorophenyl-phenylether	10.17	204	614637	47.248	ng	97
62) 4-Nitroaniline	10.20	138	410547	43.298	ng	97
63) Azobenzene	10.33	77	1400953	44.477	ng	99
65) 4,6-Dinitro-2-methylphenol	10.23	198	249123	52.093	ng	98
66) n-Nitrosodiphenylamine	10.29	169	1282421	46.214	ng	99
67) 4-Bromophenyl-phenylether	10.65	248	443675	45.943	ng	99
68) Hexachlorobenzene	10.72	284	482822	46.061	ng	97
69) Atrazine	10.82	200	424774	47.585	ng	99
70) Pentachlorophenol	10.91	266	597586	89.487	ng	97
71) Phenanthrene	11.13	178	2078232	43.335	ng	100
72) Anthracene	11.18	178	2158535	44.589	ng	99
73) Carbazole	11.33	167	1982639	45.865	ng	99
74) Di-n-butylphthalate	11.68	149	2267293	45.389	ng	98
75) Fluoranthene	12.31	202	2159991	45.142	ng	98
77) Benzidine	12.42	184	710516	26.267	ng	99
78) Pyrene	12.53	202	2221032	47.442	ng	98
80) Butylbenzylphthalate	13.17	149	1011488	48.958	ng	93
81) Benzo(a)anthracene	13.71	228	2050699	46.916	ng	99
82) 3,3'-Dichlorobenzidine	13.68	252	536108	33.964	ng	97
83) Chrysene	13.75	228	1975031	49.327	ng	100
84) Bis(2-ethylhexyl)phthalate	13.73	149	1315565	48.596	ng	98
85) Di-n-octyl phthalate	14.34	149	2258953	49.664	ng	99
86) Indeno(1,2,3-cd)pyrene	16.36	276	2487764	52.508	ng	99
88) Benzo(b)fluoranthene	14.72	252	2282278	48.675	ng	99
89) Benzo(k)fluoranthene	14.74	252	1865895	44.375	ng	99
90) Benzo(a)pyrene	15.04	252	2085148	49.340	ng	99
91) Dibenzo(a,h)anthracene	16.38	278	2010135	50.950	ng	98
92) Benzo(g,h,i)perylene	16.75	276	2143981	53.692	ng	98

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

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