Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115309.D
Acq On : 29 Jun 2019 8:48
Operator : HP/JU
Sample : PB121004BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121004BS

Manual Integrations APPROVED
mohammad
7/1/2019 5:58:45 PM

Quant Time: Jun 30 01:54:41 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	194873	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	754138	20.00	ng		0.00
39) Acenaphthene-d10	9.63	164	366731	20.00	ng		0.00
64) Phenanthrene-d10	11.10	188	716820	20.00	ng		0.00
76) Chrysene-d12	13.72	240	513462	20.00	ng		0.00
87) Perylene-d12	15.08	264	623988	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1451849	114.97	ng		0.02
7) Phenol-d6	6.25	99	1747542	114.01	ng		0.01
23) Nitrobenzene-d5	7.17	82	1030569	84.06	ng		0.00
42) 2,4,6-Tribromophenol	10.41	330	522515	135.11	ng		0.00
45) 2-Fluorobiphenyl	8.96	172	1971058	91.30	ng		0.00
79) Terphenyl-d14	12.68	244	2138277	88.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	238736	40.058	ng		99
3) Pyridine	2.89	79	613373	36.515	ng		99
4) n-Nitrosodimethylamine	2.84	42	245340	37.256	ng		98
6) Aniline	6.26	93	605379	28.738	ng	#	31
8) 2-Chlorophenol	6.38	128	595503	41.938	ng		99
9) Benzaldehyde	6.14	77	341994	34.200	ng		96
10) Phenol	6.26	94	691462	38.513	ng		88
11) bis(2-Chloroethyl)ether	6.34	93	532079	40.203	ng		99
12) 1,3-Dichlorobenzene	6.54	146	649134	41.191	ng		99
13) 1,4-Dichlorobenzene	6.62	146	656834	41.565	ng		99
14) 1,2-Dichlorobenzene	6.77	146	617272	42.180	ng		99
15) Benzyl Alcohol	6.75	79	421959	37.807	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	744429	38.782	ng		94
17) 2-Methylphenol	6.87	107	492541	42.023	ng		99
18) Hexachloroethane	7.11	117	230867	40.523	ng		99
19) n-Nitroso-di-n-propylamine	7.02	70	372116	37.921	ng		100
20) 3+4-Methylphenols	7.02	107	584163	43.164	ng	#	85
22) Acetophenone	7.01	105	784133	45.418	ng	#	95
24) Nitrobenzene	7.18	77	592998	43.907	ng		96
25) Isophorone	7.42	82	1058728	42.157	ng		99
26) 2-Nitrophenol	7.50	139	331530	49.706	ng		98
27) 2,4-Dimethylphenol	7.55	122	552163	50.562	ng		98
28) bis(2-Chloroethoxy)methane	7.64	93	681748	42.950	ng		99
29) 2,4-Dichlorophenol	7.74	162	508765	45.144	ng		97
30) 1,2,4-Trichlorobenzene	7.82	180	556443	44.700	ng		99
31) Naphthalene	7.90	128	1699129	45.899	ng		99
32) Benzoic acid	7.68	122	357409	45.850	ng		98
33) 4-Chloroaniline	7.95	127	462809	27.355	ng		98
34) Hexachlorobutadiene	8.03	225	296123	43.409	ng		99
35) Caprolactam	8.32	113	167043m	44.087	ng		
36) 4-Chloro-3-methylphenol	8.44	107	511158	44.787	ng		98
37) 2-Methylnaphthalene	8.60	142	1139734	45.662	ng		99
38) 1-Methylnaphthalene	8.69	142	1067057	44.762	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	485150	46.815	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	581659	94.656	ng	99
43) 2,4,6-Trichlorophenol	8.87	196	360325	45.037	ng	100
44) 2,4,5-Trichlorophenol	8.91	196	388850	47.195	ng	98
46) 1,1'-Biphenyl	9.06	154	1330854	45.354	ng	99
47) 2-Chloronaphthalene	9.08	162	1062955	44.658	ng	98
48) 2-Nitroaniline	9.17	65	308702	44.486	ng	98
49) Acenaphthylene	9.49	152	1682022	45.356	ng	100
50) Dimethylphthalate	9.37	163	1208727	44.799	ng	99
51) 2,6-Dinitrotoluene	9.42	165	286094	45.929	ng	92
52) Acenaphthene	9.66	154	985959	42.488	ng	100
53) 3-Nitroaniline	9.58	138	225006	29.600	ng	99
54) 2,4-Dinitrophenol	9.69	184	312009	95.750	ng	93
55) Dibenzofuran	9.84	168	1465706	44.007	ng	98
56) 4-Nitrophenol	9.75	139	521475	85.569	ng	93
57) 2,4-Dinitrotoluene	9.82	165	376701	46.835	ng	98
58) Fluorene	10.17	166	1042789	47.372	ng	97
59) 2,3,4,6-Tetrachlorophenol	9.95	232	333519	48.275	ng	97
60) Diethylphthalate	10.06	149	1172649	43.237	ng	100
61) 4-Chlorophenyl-phenylether	10.17	204	505283	48.474	ng	99
62) 4-Nitroaniline	10.19	138	321220	42.122	ng	97
63) Azobenzene	10.33	77	1106715	43.688	ng	99
65) 4,6-Dinitro-2-methylphenol	10.22	198	193268	50.396	ng	89
66) n-Nitrosodiphenylamine	10.29	169	1002976	44.911	ng	100
67) 4-Bromophenyl-phenylether	10.65	248	347849	44.758	ng	99
68) Hexachlorobenzene	10.72	284	387403	45.924	ng	96
69) Atrazine	10.82	200	323796	45.072	ng	99
70) Pentachlorophenol	10.91	266	472149	87.855	ng	99
71) Phenanthrene	11.12	178	1659070	42.987	ng	100
72) Anthracene	11.18	178	1727220	44.335	ng	100
73) Carbazole	11.33	167	1539221	44.245	ng	99
74) Di-n-butylphthalate	11.68	149	1783783	44.372	ng	99
75) Fluoranthene	12.31	202	1731268	44.959	ng	97
77) Benzidine	12.42	184	877353	38.481	ng	99
78) Pyrene	12.53	202	1767928	44.803	ng	99
80) Butylbenzylphthalate	13.16	149	784950	45.076	ng	100
81) Benzo(a)anthracene	13.71	228	1629774	44.236	ng	100
82) 3,3'-Dichlorobenzidine	13.68	252	454960	34.196	ng	98
83) Chrysene	13.75	228	1546849	45.834	ng	100
84) Bis(2-ethylhexyl)phthalate	13.73	149	1045836	45.834	ng	100
85) Di-n-octyl phthalate	14.34	149	1791851	46.738	ng	99
86) Indeno(1,2,3-cd)pyrene	16.36	276	1918647	48.045	ng	99
88) Benzo(b)fluoranthene	14.71	252	1639717	42.114	ng	98
89) Benzo(k)fluoranthene	14.74	252	1602603	45.898	ng	98
90) Benzo(a)pyrene	15.04	252	1605921	45.762	ng	97
91) Dibenzo(a,h)anthracene	16.38	278	1564503	47.755	ng	98
92) Benzo(g,h,i)perylene	16.74	276	1621518	48.902	ng	99

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

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