Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115310.D
Acq On : 29 Jun 2019 9:14
Operator : HP/JU
Sample : PB121004BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121004BSD

Manual Integrations APPROVED
mohammad
7/1/2019 5:58:48 PM

Quant Time: Jun 30 01:56:20 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	202474	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	775887	20.00	ng		0.00
39) Acenaphthene-d10	9.62	164	378051	20.00	ng		0.00
64) Phenanthrene-d10	11.10	188	736298	20.00	ng		0.00
76) Chrysene-d12	13.72	240	523007	20.00	ng		0.00
87) Perylene-d12	15.08	264	637478	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1506746	114.84	ng		0.02
7) Phenol-d6	6.25	99	1808377	113.55	ng		0.01
23) Nitrobenzene-d5	7.17	82	1069093	84.76	ng		0.00
42) 2,4,6-Tribromophenol	10.41	330	532418	133.55	ng		0.00
45) 2-Fluorobiphenyl	8.96	172	2040767	91.69	ng		0.00
79) Terphenyl-d14	12.68	244	2150791	87.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	248919	40.198	ng		99
3) Pyridine	2.90	79	640486	36.698	ng		98
4) n-Nitrosodimethylamine	2.84	42	253846	37.101	ng		96
6) Aniline	6.26	93	614054	28.055	ng	#	22
8) 2-Chlorophenol	6.38	128	622045	42.163	ng		98
9) Benzaldehyde	6.14	77	352972	33.973	ng		95
10) Phenol	6.26	94	712946	38.219	ng		89
11) bis(2-Chloroethyl)ether	6.34	93	557360	40.533	ng		99
12) 1,3-Dichlorobenzene	6.54	146	672529	41.074	ng		98
13) 1,4-Dichlorobenzene	6.62	146	683618	41.636	ng		98
14) 1,2-Dichlorobenzene	6.77	146	635537	41.798	ng		99
15) Benzyl Alcohol	6.75	79	434687	37.485	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	781798	39.200	ng		95
17) 2-Methylphenol	6.87	107	521626	42.834	ng		99
18) Hexachloroethane	7.11	117	243684	41.167	ng		99
19) n-Nitroso-di-n-propylamine	7.02	70	387688	38.025	ng		99
20) 3+4-Methylphenols	7.02	107	606301	43.118	ng	#	84
22) Acetophenone	7.01	105	814563	45.858	ng	#	96
24) Nitrobenzene	7.18	77	619991	44.618	ng		96
25) Isophorone	7.42	82	1108427	42.899	ng		100
26) 2-Nitrophenol	7.50	139	342659	49.935	ng		96
27) 2,4-Dimethylphenol	7.55	122	569006	50.644	ng		99
28) bis(2-Chloroethoxy)methane	7.64	93	708114	43.361	ng		99
29) 2,4-Dichlorophenol	7.74	162	530782	45.778	ng		98
30) 1,2,4-Trichlorobenzene	7.82	180	575891	44.966	ng		99
31) Naphthalene	7.90	128	1766754	46.388	ng		99
32) Benzoic acid	7.68	122	375486	46.819	ng		98
33) 4-Chloroaniline	7.95	127	454038	26.085	ng		98
34) Hexachlorobutadiene	8.03	225	316512	45.097	ng		99
35) Caprolactam	8.32	113	172896m	44.352	ng		
36) 4-Chloro-3-methylphenol	8.44	107	525247	44.731	ng		98
37) 2-Methylnaphthalene	8.60	142	1186033	46.185	ng		99
38) 1-Methylnaphthalene	8.69	142	1110300	45.270	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	509580	47.700	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	618825	97.689	ng	100
43) 2,4,6-Trichlorophenol	8.87	196	379795	46.049	ng	99
44) 2,4,5-Trichlorophenol	8.91	196	403520	47.509	ng	97
46) 1,1'-Biphenyl	9.06	154	1387475	45.868	ng	98
47) 2-Chloronaphthalene	9.08	162	1100538	44.852	ng	98
48) 2-Nitroaniline	9.17	65	313389	43.809	ng	94
49) Acenaphthylene	9.49	152	1728482	45.213	ng	99
50) Dimethylphthalate	9.37	163	1238450	44.526	ng	99
51) 2,6-Dinitrotoluene	9.42	165	295296	45.986	ng	92
52) Acenaphthene	9.66	154	1010199	42.229	ng	98
53) 3-Nitroaniline	9.58	138	221418	28.256	ng	99
54) 2,4-Dinitrophenol	9.69	184	317428	94.592	ng	92
55) Dibenzofuran	9.84	168	1511868	44.033	ng	99
56) 4-Nitrophenol	9.75	139	530419	84.431	ng	95
57) 2,4-Dinitrotoluene	9.82	165	384185	46.336	ng	95
58) Fluorene	10.17	166	1080471	47.654	ng	97
59) 2,3,4,6-Tetrachlorophenol	9.95	232	340212	47.769	ng	98
60) Diethylphthalate	10.06	149	1213881	43.417	ng	99
61) 4-Chlorophenyl-phenylether	10.17	204	523357	48.742	ng	99
62) 4-Nitroaniline	10.19	138	329256	41.883	ng	99
63) Azobenzene	10.33	77	1140994	43.692	ng	98
65) 4,6-Dinitro-2-methylphenol	10.22	198	200598	50.872	ng	85
66) n-Nitrosodiphenylamine	10.29	169	1026787	44.761	ng	100
67) 4-Bromophenyl-phenylether	10.65	248	358099	44.858	ng	98
68) Hexachlorobenzene	10.72	284	393952	45.465	ng	95
69) Atrazine	10.82	200	328474	44.514	ng	99
70) Pentachlorophenol	10.91	266	481381	87.203	ng	96
71) Phenanthrene	11.12	178	1697304	42.814	ng	99
72) Anthracene	11.18	178	1758733	43.949	ng	99
73) Carbazole	11.33	167	1570583	43.952	ng	100
74) Di-n-butylphthalate	11.68	149	1819236	44.057	ng	100
75) Fluoranthene	12.31	202	1756040	44.396	ng	97
77) Benzidine	12.43	184	880790	37.927	ng	99
78) Pyrene	12.53	202	1789346	44.518	ng	99
80) Butylbenzylphthalate	13.16	149	804452	45.353	ng	97
81) Benzo(a)anthracene	13.71	228	1641670	43.746	ng	100
82) 3,3'-Dichlorobenzidine	13.68	252	463397	34.194	ng	99
83) Chrysene	13.75	228	1559164	45.356	ng	100
84) Bis(2-ethylhexyl)phthalate	13.73	149	1047312	45.061	ng	99
85) Di-n-octyl phthalate	14.34	149	1812224	46.407	ng	99
86) Indeno(1,2,3-cd)pyrene	16.35	276	1930587	47.461	ng	99
88) Benzo(b)fluoranthene	14.71	252	1728653	43.459	ng	100
89) Benzo(k)fluoranthene	14.74	252	1557223	43.655	ng	97
90) Benzo(a)pyrene	15.03	252	1648486	45.981	ng	99
91) Dibenzo(a,h)anthracene	16.37	278	1580927	47.235	ng	99
92) Benzo(g,h,i)perylene	16.74	276	1636130	48.299	ng	99

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

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