Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
Data File : BF104626.D
Acq On : 19 Apr 2018 12:59
Operator : JU/SJ
Sample : PB108340BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB108340BS

Manual Integrations APPROVED
Sohil
4/20/2018 3:05:04 PM

Quant Time: Apr 19 15:26:12 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 14:44:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	128468	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	483986	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	189023	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	283157	20.00	ng		0.00
75) Chrysene-d12	13.97	240	250092	20.00	ng		-0.01
86) Perylene-d12	15.44	264	281627	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	866426	103.12	ng		0.02
7) Phenol-d6	6.45	99	1007356	97.58	ng		0.00
23) Nitrobenzene-d5	7.37	82	670651	90.48	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	199736	101.87	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1089169	91.03	ng		0.00
78) Terphenyl-d14	12.92	244	844283	76.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	133844	34.189	ng		90
3) Pyridine	3.33	79	377501	34.297	ng		88
4) n-Nitrosodimethylamine	3.29	42	143193	37.216	ng	#	76
6) Aniline	6.47	93	95039	6.627	ng	#	57
8) 2-Chlorophenol	6.59	128	318481	35.914	ng		96
9) Benzaldehyde	6.36	77	189937	34.862	ng		92
10) Phenol	6.46	94	355830	32.487	ng		97
11) bis(2-Chloroethyl)ether	6.55	93	313814	35.903	ng		94
12) 1,3-Dichlorobenzene	6.75	146	360155	35.850	ng		97
13) 1,4-Dichlorobenzene	6.82	146	361175	36.066	ng		99
14) 1,2-Dichlorobenzene	6.97	146	333851	35.974	ng		100
15) Benzyl Alcohol	6.95	79	246165	31.396	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.08	45	397243	33.841	ng		86
17) 2-Methylphenol	7.07	107	252668	32.778	ng		95
18) Hexachloroethane	7.32	117	131766	36.903	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	213433	31.640	ng		91
20) 3+4-Methylphenols	7.22	107	307203	32.133	ng	#	85
22) Acetophenone	7.22	105	435389	36.540	ng		97
24) Nitrobenzene	7.39	77	331733	40.538	ng		95
25) Isophorone	7.63	82	584711	37.305	ng		99
26) 2-Nitrophenol	7.70	139	168323	50.526	ng		97
27) 2,4-Dimethylphenol	7.75	122	254545	36.798	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	377883	39.433	ng		99
29) 2,4-Dichlorophenol	7.95	162	234590	35.543	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	274488	37.895	ng		99
31) Naphthalene	8.11	128	893274	37.065	ng		100
32) Benzoic acid	7.86	122	142187m	25.762	ng		
33) 4-Chloroaniline	8.16	127	37543	3.636	ng		94
34) Hexachlorobutadiene	8.22	225	149427	37.663	ng		98
35) Caprolactam	8.53	113	75650	32.856	ng		86
36) 4-Chloro-3-methylphenol	8.65	107	216127	30.539	ng		96
37) 2-Methylnaphthalene	8.80	142	568143	36.445	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	242972	44.904	ng		100
40) Hexachlorocyclopentadiene	8.95	237	215173	71.032	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	145042	38.614	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	143621	34.169	ng		97
45) 1,1'-Biphenyl	9.26	154	643217	40.507	ng		100
46) 2-Chloronaphthalene	9.29	162	501345	39.971	ng		98
47) 2-Nitroaniline	9.39	65	127401	41.074	ng		96
48) Acenaphthylene	9.70	152	727638	36.975	ng		100
49) Dimethylphthalate	9.56	163	539391	36.186	ng		99
50) 2,6-Dinitrotoluene	9.63	165	117124	42.464	ng		99
51) Acenaphthene	9.87	154	430135	35.824	ng		99
52) 3-Nitroaniline	9.80	138	48980	15.169	ng		95
53) 2,4-Dinitrophenol	9.91	184	42849	47.407	ng	#	17
54) Dibenzofuran	10.05	168	621095	37.119	ng		99
55) 4-Nitrophenol	9.97	139	164307	64.777	ng		99
56) 2,4-Dinitrotoluene	10.03	165	146829	40.584	ng		94
57) Fluorene	10.39	166	462943	38.011	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	109473	34.910	ng		94
59) Diethylphthalate	10.26	149	502440	33.845	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	212006	39.086	ng		93
61) 4-Nitroaniline	10.41	138	90538	28.676	ng		97
62) Azobenzene	10.55	77	476039	33.564	ng		94
64) 4,6-Dinitro-2-methylphenol	10.44	198	37276	30.240	ng		88
65) n-Nitrosodiphenylamine	10.50	169	391038	39.830	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	125165	41.557	ng		93
67) Hexachlorobenzene	10.94	284	145304	42.875	ng	#	90
68) Atrazine	11.03	200	112307	37.897	ng		98
69) Pentachlorophenol	11.14	266	119858	57.168	ng		97
70) Phenanthrene	11.36	178	607419	38.520	ng		99
71) Anthracene	11.41	178	628509	39.210	ng		99
72) Carbazole	11.56	167	552084	35.247	ng		100
73) Di-n-butylphthalate	11.89	149	678183	35.445	ng		99
74) Fluoranthene	12.55	202	613060	37.211	ng		98
76) Benzidine	12.67	184	201405	19.925	ng		97
77) Pyrene	12.77	202	624775	33.703	ng		99
79) Butylbenzylphthalate	13.39	149	305118	34.937	ng		99
80) Benzo(a)anthracene	13.97	228	600287	40.178	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	143567	25.772	ng		98
82) Chrysene	14.00	228	582956	37.986	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	415065	36.950	ng		98
84) Di-n-octyl phthalate	14.57	149	762652	40.632	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.89	276	671548	51.513	ng		98
87) Benzo(b)fluoranthene	15.02	252	692474	38.931	ng		98
88) Benzo(k)fluoranthene	15.04	252	587929	35.011	ng		99
89) Benzo(a)pyrene	15.38	252	632180	39.722	ng		99
90) Dibenzo(a,h)anthracene	16.91	278	544481	41.656	ng		98
91) Benzo(g,h,i)perylene	17.33	276	543383	42.909	ng		97

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

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