Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103965.D
Acq On : 27 Mar 2018 9:52
Operator : JU/SJ
Sample : PB107629BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB107629BS

Manual Integrations APPROVED
Sohil
3/27/2018 2:16:30 PM

Quant Time: Mar 27 11:57:14 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	135884	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	555978	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	256759	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	429597	20.00	ng		0.00
75) Chrysene-d12	14.16	240	267094	20.00	ng		0.00
86) Perylene-d12	15.70	264	239230	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	903976	101.18	ng		0.01
7) Phenol-d6	6.60	99	1118092	102.30	ng		0.00
23) Nitrobenzene-d5	7.54	82	680324	85.33	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	276835	125.40	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1240815	77.09	ng		0.00
78) Terphenyl-d14	13.10	244	1046210	90.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	137079	31.161	ng		89
3) Pyridine	3.67	79	378804	31.307	ng		87
4) n-Nitrosodimethylamine	3.63	42	142325	31.902	ng	#	73
6) Aniline	6.64	93	185654	11.895	ng		97
8) 2-Chlorophenol	6.76	128	376238	40.202	ng		94
9) Benzaldehyde	6.53	77	85897	11.962	ng		94
10) Phenol	6.62	94	452353	38.948	ng		95
11) bis(2-Chloroethyl)ether	6.71	93	354686	36.993	ng		93
12) 1,3-Dichlorobenzene	6.92	146	391460	36.725	ng		99
13) 1,4-Dichlorobenzene	6.99	146	397504	37.112	ng		99
14) 1,2-Dichlorobenzene	7.15	146	372208	37.449	ng		100
15) Benzyl Alcohol	7.12	79	316104	37.326	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.24	45	445809	32.691	ng		92
17) 2-Methylphenol	7.22	107	313252	37.587	ng		99
18) Hexachloroethane	7.49	117	129467	34.363	ng		97
19) n-Nitroso-di-n-propylamine	7.39	70	241091	34.419	ng		90
20) 3+4-Methylphenols	7.37	107	384506	36.354	ng		95
22) Acetophenone	7.38	105	486638	34.057	ng	#	97
24) Nitrobenzene	7.56	77	376594	40.235	ng		98
25) Isophorone	7.79	82	690608	37.419	ng		99
26) 2-Nitrophenol	7.87	139	197986	54.102	ng		89
27) 2,4-Dimethylphenol	7.90	122	347468	43.947	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	448382	40.121	ng		99
29) 2,4-Dichlorophenol	8.11	162	310218	43.126	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	317334	38.035	ng		99
31) Naphthalene	8.28	128	1053784	37.521	ng		100
32) Benzoic acid	8.02	122	233153	43.073	ng		95
33) 4-Chloroaniline	8.32	127	75964	6.447	ng		97
34) Hexachlorobutadiene	8.39	225	170889	37.358	ng		98
35) Caprolactam	8.70	113	98843m	39.905	ng		
36) 4-Chloro-3-methylphenol	8.80	107	334205	42.144	ng		98
37) 2-Methylnaphthalene	8.97	142	705377	39.605	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	301760	41.196	ng		99
40) Hexachlorocyclopentadiene	9.12	237	90809	24.025	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	211175	45.072	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	229188	43.339	ng		96
45) 1,1'-Biphenyl	9.43	154	820305	38.314	ng		100
46) 2-Chloronaphthalene	9.46	162	651139	38.291	ng		100
47) 2-Nitroaniline	9.56	65	196221	44.662	ng		98
48) Acenaphthylene	9.88	152	988950	37.504	ng		100
49) Dimethylphthalate	9.73	163	784290	40.037	ng		100
50) 2,6-Dinitrotoluene	9.80	165	173394	45.943	ng		95
51) Acenaphthene	10.05	154	590378	37.706	ng		99
52) 3-Nitroaniline	9.97	138	78923	19.811	ng		95
53) 2,4-Dinitrophenol	10.08	184	88169	77.237	ng	#	16
54) Dibenzofuran	10.23	168	878714	39.295	ng		98
55) 4-Nitrophenol	10.13	139	282438	78.829	ng		88
56) 2,4-Dinitrotoluene	10.21	165	225156	47.042	ng	#	85
57) Fluorene	10.57	166	683583	39.394	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	179774	47.977	ng		91
59) Diethylphthalate	10.43	149	748704	38.508	ng		98
60) 4-Chlorophenyl-phenylether	10.56	204	325303	41.020	ng		95
61) 4-Nitroaniline	10.59	138	156097	36.671	ng		93
62) Azobenzene	10.72	77	682571	34.530	ng		95
64) 4,6-Dinitro-2-methylphenol	10.62	198	65385	43.518	ng		80
65) n-Nitrosodiphenylamine	10.67	169	614676	42.036	ng		100
66) 4-Bromophenyl-phenylether	11.05	248	196826	44.623	ng	#	85
67) Hexachlorobenzene	11.12	284	207660	41.249	ng	#	86
68) Atrazine	11.20	200	195372	43.191	ng		96
69) Pentachlorophenol	11.32	266	204103	70.520	ng		96
70) Phenanthrene	11.54	178	905792	38.544	ng		98
71) Anthracene	11.59	178	943408	39.526	ng		99
72) Carbazole	11.74	167	857422	36.960	ng		99
73) Di-n-butylphthalate	12.06	149	1128029	40.525	ng		100
74) Fluoranthene	12.73	202	844316	34.874	ng		100
76) Benzidine	12.84	184	407483	35.770	ng		98
77) Pyrene	12.96	202	818722	41.739	ng		99
79) Butylbenzylphthalate	13.56	149	415494	47.810	ng		99
80) Benzo(a)anthracene	14.16	228	661374	39.118	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	193280	34.177	ng		98
82) Chrysene	14.19	228	611343	37.932	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	577738	46.535	ng		99
84) Di-n-octyl phthalate	14.74	149	895754	49.594	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.30	276	546470	38.827	ng		98
87) Benzo(b)fluoranthene	15.24	252	613121	40.566	ng		98
88) Benzo(k)fluoranthene	15.28	252	581327	40.013	ng		99
89) Benzo(a)pyrene	15.64	252	569383	41.535	ng		99
90) Dibenzo(a,h)anthracene	17.31	278	467691	39.401	ng		99
91) Benzo(g,h,i)perylene	17.77	276	433959	37.579	ng		95

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

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