Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104496.D
Acq On : 13 Apr 2018 23:08
Operator : JU/SJ
Sample : PB108229BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB108229BS

Manual Integrations APPROVED
Sohil
4/16/2018 3:10:33 PM

Quant Time: Apr 14 00:19:47 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 17:38:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	131611	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	532598	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	230106	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	342004	20.00	ng		0.00
75) Chrysene-d12	13.99	240	235601	20.00	ng		0.00
86) Perylene-d12	15.44	264	184012	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	866760	100.70	ng		0.02
7) Phenol-d6	6.46	99	1062542	100.47	ng		0.01
23) Nitrobenzene-d5	7.38	82	667811	81.88	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	220725	92.47	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1156755	79.41	ng		0.00
78) Terphenyl-d14	12.93	244	838606	81.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	116991	29.170	ng		90
3) Pyridine	3.35	79	341477	30.283	ng		87
4) n-Nitrosodimethylamine	3.31	42	136124	34.534	ng		82
6) Aniline	6.47	93	156614	10.659	ng	#	1
8) 2-Chlorophenol	6.60	128	331347	36.473	ng		93
9) Benzaldehyde	6.36	77	155189	25.745	ng		95
10) Phenol	6.47	94	387968	34.575	ng		89
11) bis(2-Chloroethyl)ether	6.55	93	308273	34.426	ng		94
12) 1,3-Dichlorobenzene	6.75	146	349743	33.982	ng		99
13) 1,4-Dichlorobenzene	6.83	146	351110	34.223	ng		98
14) 1,2-Dichlorobenzene	6.98	146	325748	34.263	ng		99
15) Benzyl Alcohol	6.96	79	274342	34.154	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	380171	31.614	ng		79
17) 2-Methylphenol	7.07	107	272064	34.452	ng		95
18) Hexachloroethane	7.32	117	113901	31.138	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	217350	31.451	ng		96
20) 3+4-Methylphenols	7.23	107	332538	33.953	ng	#	75
22) Acetophenone	7.22	105	436956	33.324	ng		98
24) Nitrobenzene	7.40	77	338003	37.534	ng		98
25) Isophorone	7.63	82	614410	35.622	ng		98
26) 2-Nitrophenol	7.72	139	160871	43.881	ng	#	87
27) 2,4-Dimethylphenol	7.75	122	290586	38.174	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	392682	37.237	ng		99
29) 2,4-Dichlorophenol	7.96	162	264935	36.477	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	280869	35.237	ng		99
31) Naphthalene	8.12	128	920552	34.711	ng		100
32) Benzoic acid	7.87	122	118919	19.580	ng		95
33) 4-Chloroaniline	8.17	127	75361	6.633	ng		95
34) Hexachlorobutadiene	8.23	225	152215	34.864	ng		98
35) Caprolactam	8.55	113	87452m	34.516	ng		
36) 4-Chloro-3-methylphenol	8.66	107	279103	35.838	ng		98
37) 2-Methylnaphthalene	8.81	142	600509	35.005	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	254092	38.575	ng		98
40) Hexachlorocyclopentadiene	8.96	237	52760	14.307	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	173423	37.927	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	178214	34.829	ng		97
45) 1,1'-Biphenyl	9.27	154	685383	35.456	ng		99
46) 2-Chloronaphthalene	9.30	162	549424	35.984	ng		99
47) 2-Nitroaniline	9.40	65	165983	43.958	ng		97
48) Acenaphthylene	9.72	152	803257	33.530	ng		100
49) Dimethylphthalate	9.57	163	660342	36.391	ng		100
50) 2,6-Dinitrotoluene	9.64	165	138739	41.320	ng		97
51) Acenaphthene	9.89	154	471095	32.231	ng		99
52) 3-Nitroaniline	9.81	138	80476	20.473	ng		94
53) 2,4-Dinitrophenol	9.92	184	15674	20.401	ng	#	21
54) Dibenzofuran	10.06	168	708794	34.797	ng		99
55) 4-Nitrophenol	9.98	139	186101	60.270	ng		97
56) 2,4-Dinitrotoluene	10.05	165	170566	38.727	ng		91
57) Fluorene	10.40	166	524630	35.385	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	125883	32.976	ng		95
59) Diethylphthalate	10.27	149	626854	34.687	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	255347	38.672	ng		99
61) 4-Nitroaniline	10.42	138	128360	33.397	ng		99
62) Azobenzene	10.56	77	556867	32.253	ng		94
64) 4,6-Dinitro-2-methylphenol	10.45	198	15420	15.188	ng		82
65) n-Nitrosodiphenylamine	10.52	169	481448	40.601	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	148310	40.769	ng		90
67) Hexachlorobenzene	10.95	284	156260	38.174	ng	#	89
68) Atrazine	11.04	200	146811	41.016	ng		98
69) Pentachlorophenol	11.14	266	122822	48.501	ng		98
70) Phenanthrene	11.37	178	674456	35.412	ng		99
71) Anthracene	11.42	178	691082	35.695	ng		99
72) Carbazole	11.57	167	607730	32.123	ng		99
73) Di-n-butylphthalate	11.90	149	848970	36.736	ng		98
74) Fluoranthene	12.56	202	616660	30.989	ng		98
76) Benzidine	12.68	184	306025	37.691	ng		98
77) Pyrene	12.79	202	615796	35.262	ng		99
79) Butylbenzylphthalate	13.40	149	300768	36.557	ng		96
80) Benzo(a)anthracene	13.97	228	532899	37.861	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	180799	34.451	ng		95
82) Chrysene	14.02	228	512104	35.422	ng		98
83) Bis(2-ethylhexyl)phthalate	13.96	149	412237	38.955	ng		100
84) Di-n-octyl phthalate	14.58	149	694256	39.263	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.90	276	374444	30.489	ng		96
87) Benzo(b)fluoranthene	15.03	252	457057	39.327	ng		99
88) Benzo(k)fluoranthene	15.06	252	416689	37.977	ng		97
89) Benzo(a)pyrene	15.39	252	387901	37.303	ng		99
90) Dibenzo(a,h)anthracene	16.92	278	316915	37.107	ng		97
91) Benzo(g,h,i)perylene	17.34	276	306573	37.051	ng		94

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

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