Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
Data File : BF089146.D
Acq On : 20 Jul 2016 22:23
Operator : UM/SJ
Sample : PB92305BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB92305BS

Quant Time: Jul 21 03:12:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	53650	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	230615	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	112652	20.00	ng		0.00
63) Phenanthrene-d10	11.11	188	214547	20.00	ng		0.00
75) Chrysene-d12	13.73	240	157444	20.00	ng		0.00
86) Perylene-d12	15.07	264	132833	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	406426	115.21	ng		0.01
7) Phenol-d6	6.27	99	541427	119.02	ng		0.00
23) Nitrobenzene-d5	7.18	82	340275	78.40	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	111217	109.66	ng		0.00
44) 2-Fluorobiphenyl	8.97	172	660096	80.74	ng		0.00
78) Terphenyl-d14	12.68	244	540651	74.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	47167	30.79	ng	#	89
3) Pyridine	2.76	79	122636	31.52	ng		98
4) n-Nitrosodimethylamine	2.74	42	59893	36.57	ng		97
6) Aniline	6.27	93	131715	21.43	ng	#	53
8) 2-Chlorophenol	6.39	128	152128	38.86	ng		84
9) Benzaldehyde	6.15	77	37810	13.33	ng		99
10) Phenol	6.28	94	196801	37.55	ng		98
11) bis(2-Chloroethyl)ether	6.35	93	155681	39.55	ng		100
12) 1,3-Dichlorobenzene	6.54	146	157615	36.46	ng		96
13) 1,4-Dichlorobenzene	6.62	146	163084	37.46	ng		98
14) 1,2-Dichlorobenzene	6.78	146	144979	35.32	ng		97
15) Benzyl Alcohol	6.76	79	140612	42.21	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.89	45	162976	36.34	ng		90
17) 2-Methylphenol	6.89	107	124072	40.24	ng		98
18) Hexachloroethane	7.11	117	60741	37.12	ng		93
19) n-Nitroso-di-n-propylamine	7.03	70	110528	37.15	ng		90
20) 3+4-Methylphenols	7.04	107	168453	40.24	ng		88
22) Acetophenone	7.03	105	226766	36.82	ng	#	97
24) Nitrobenzene	7.19	77	160623	35.09	ng		89
25) Isophorone	7.44	82	307458	38.44	ng		97
26) 2-Nitrophenol	7.51	139	80213	37.57	ng		92
27) 2,4-Dimethylphenol	7.56	122	142691	39.67	ng		96
28) bis(2-Chloroethoxy)methane	7.66	93	194625	38.90	ng		99
29) 2,4-Dichlorophenol	7.76	162	129933	40.08	ng		96
30) 1,2,4-Trichlorobenzene	7.83	180	126650	35.29	ng		96
31) Naphthalene	7.91	128	471576	37.89	ng		100
32) Benzoic acid	7.72	122	82511	29.83	ng		88
33) 4-Chloroaniline	7.96	127	69516	13.28	ng	#	91
34) Hexachlorobutadiene	8.03	225	70276	35.19	ng		99
35) Caprolactam	8.34	113	40601m	40.33	ng		
36) 4-Chloro-3-methylphenol	8.47	107	148402	38.00	ng		99
37) 2-Methylnaphthalene	8.59	142	289508	36.47	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	122495	29.26	ng		98
40) Hexachlorocyclopentadiene	8.75	237	111922	79.86	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	88286	37.67	ng		100
43) 2,4,5-Trichlorophenol	8.94	196	94984	40.38	ng		97
45) 1,1'-Biphenyl	9.06	154	350381	34.54	ng		99
46) 2-Chloronaphthalene	9.08	162	279440	36.25	ng		99
47) 2-Nitroaniline	9.19	65	88918	33.62	ng		98
48) Acenaphthylene	9.50	152	462547	38.16	ng		99
49) Dimethylphthalate	9.38	163	344111	39.81	ng		99
50) 2,6-Dinitrotoluene	9.44	165	78407	40.17	ng		89
51) Acenaphthene	9.67	154	273219	38.11	ng		99
52) 3-Nitroaniline	9.60	138	46556	20.09	ng	#	74
53) 2,4-Dinitrophenol	9.71	184	67910	69.48	ng		93
54) Dibenzofuran	9.84	168	398170	41.10	ng		99
55) 4-Nitrophenol	9.79	139	103110	73.53	ng		90
56) 2,4-Dinitrotoluene	9.84	165	100643	40.03	ng		99
57) Fluorene	10.18	166	341536	41.53	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.96	232	79877	47.28	ng		97
59) Diethylphthalate	10.07	149	334814	39.06	ng		99
60) 4-Chlorophenyl-phenylether	10.17	204	133544	35.57	ng	#	68
61) 4-Nitroaniline	10.22	138	79406	35.21	ng		96
62) Azobenzene	10.33	77	368340	39.54	ng		97
64) 4,6-Dinitro-2-methylphenol	10.25	198	51763	41.44	ng		99
65) n-Nitrosodiphenylamine	10.30	169	270663	37.75	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	89773	42.28	ng		90
67) Hexachlorobenzene	10.72	284	81156	35.54	ng	#	57
68) Atrazine	10.83	200	94014	41.93	ng		99
69) Pentachlorophenol	10.92	266	88809	84.30	ng		99
70) Phenanthrene	11.13	178	467355	39.71	ng		100
71) Anthracene	11.19	178	506324	41.39	ng		100
72) Carbazole	11.35	167	459315	42.75	ng		99
73) Di-n-butylphthalate	11.68	149	523406	39.38	ng		100
74) Fluoranthene	12.31	202	482748	39.02	ng		99
76) Benzidine	12.44	184	176715	32.65	ng		97
77) Pyrene	12.54	202	515819	39.67	ng		100
79) Butylbenzylphthalate	13.17	149	239628	43.57	ng		96
80) Benzo(a)anthracene	13.71	228	397645	39.66	ng		100
81) 3,3'-Dichlorobenzidine	13.69	252	78611	23.63	ng	#	97
82) Chrysene	13.75	228	365653	38.18	ng		100
83) Bis(2-ethylhexyl)phthalate	13.73	149	293724	40.26	ng		98
84) Di-n-octyl phthalate	14.33	149	461065	38.30	ng		99
85) Indeno(1,2,3-cd)pyrene	16.30	276	290522	41.76	ng		100
87) Benzo(b)fluoranthene	14.71	252	325632m	33.85	ng		
88) Benzo(k)fluoranthene	14.74	252	331150m	48.13	ng		
89) Benzo(a)pyrene	15.02	252	300290	40.21	ng		99
90) Dibenzo(a,h)anthracene	16.31	278	238590	40.46	ng	#	94
91) Benzo(g,h,i)perylene	16.66	276	238154	40.05	ng		97

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

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