Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
Data File : BF089870.D
Acq On : 24 Aug 2016 13:23
Operator : UM/SJ
Sample : H4551-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AST-1MSD

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Quant Time: Aug 25 15:19:43 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	389355	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	1612727	20.00	ng		-0.02
38) Acenaphthene-d10	9.70	164	719931	20.00	ng		-0.01
63) Phenanthrene-d10	11.19	188	1386337	20.00	ng		0.00
75) Chrysene-d12	13.86	240	1161495	20.00	ng		-0.01
86) Perylene-d12	15.37	264	1001746	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	2282882	100.55	ng		-0.01
7) Phenol-d6	6.31	99	2974028	106.71	ng		-0.01
23) Nitrobenzene-d5	7.23	82	1700871	65.52	ng		-0.02
41) 2,4,6-Tribromophenol	10.49	330	662318	96.80	ng		-0.01
44) 2-Fluorobiphenyl	9.04	172	3333214	81.37	ng		-0.01
78) Terphenyl-d14	12.78	244	2777312	54.10	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	342840	30.51	ng		98
3) Pyridine	2.80	79	870678	29.54	ng		95
4) n-Nitrosodimethylamine	2.75	42	396409	36.13	ng	#	86
6) Aniline	6.32	93	1017586	27.22	ng	#	1
8) 2-Chlorophenol	6.44	128	890658	32.80	ng		98
9) Benzaldehyde	6.20	77	219603	12.10	ng		88
10) Phenol	6.32	94	1286053	39.37	ng		99
11) bis(2-Chloroethyl)ether	6.41	93	1010684	39.90	ng		97
12) 1,3-Dichlorobenzene	6.60	146	985969	34.74	ng		97
13) 1,4-Dichlorobenzene	6.68	146	1047230	35.89	ng		98
14) 1,2-Dichlorobenzene	6.83	146	893018m	32.79	ng		
15) Benzyl Alcohol	6.81	79	675596	36.55	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1029447	31.76	ng		94
17) 2-Methylphenol	6.94	107	819432	38.53	ng		95
18) Hexachloroethane	7.19	117	354396	34.06	ng	#	86
19) n-Nitroso-di-n-propylamine	7.10	70	684859	38.42	ng	#	85
20) 3+4-Methylphenols	7.08	107	929029	35.63	ng	#	89
22) Acetophenone	7.08	105	1214350	32.79	ng	#	89
24) Nitrobenzene	7.26	77	1031726	35.42	ng	#	86
25) Isophorone	7.50	82	1771051	33.83	ng		95
26) 2-Nitrophenol	7.58	139	508323	34.98	ng		97
27) 2,4-Dimethylphenol	7.62	122	928994	35.47	ng		99
28) bis(2-Chloroethoxy)methane	7.71	93	1054118	32.54	ng		99
29) 2,4-Dichlorophenol	7.82	162	836694	38.07	ng		99
30) 1,2,4-Trichlorobenzene	7.90	180	787964	32.42	ng		98
31) Naphthalene	7.98	128	2664320	35.35	ng		100
33) 4-Chloroaniline	8.02	127	674371	20.64	ng	#	85
34) Hexachlorobutadiene	8.10	225	408543	32.10	ng		99
35) Caprolactam	8.38	113	216485	32.35	ng	#	81
36) 4-Chloro-3-methylphenol	8.51	107	778742	32.72	ng		93
37) 2-Methylnaphthalene	8.67	142	1800503	36.92	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	619134	26.56	ng		99
40) Hexachlorocyclopentadiene	8.83	237	706184	87.25	ng		97
42) 2,4,6-Trichlorophenol	8.95	196	556186	37.92	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.98	196	504740	34.60	ng	#	88
45) 1,1'-Biphenyl	9.13	154	1723821	30.94	ng		99
46) 2-Chloronaphthalene	9.15	162	1551951	35.24	ng		97
47) 2-Nitroaniline	9.24	65	449967	35.82	ng		99
48) Acenaphthylene	9.56	152	2391833	36.14	ng		99
49) Dimethylphthalate	9.45	163	2899222	57.19	ng	#	98
50) 2,6-Dinitrotoluene	9.50	165	384160	32.82	ng		93
51) Acenaphthene	9.74	154	1417801	32.37	ng		99
52) 3-Nitroaniline	9.66	138	376193	29.01	ng		98
53) 2,4-Dinitrophenol	9.76	184	17832	6.25	ng		96
54) Dibenzofuran	9.91	168	2150674	39.09	ng		96
55) 4-Nitrophenol	9.83	139	684527	64.68	ng		96
56) 2,4-Dinitrotoluene	9.90	165	549007	36.15	ng	#	76
57) Fluorene	10.25	166	1554230	35.45	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	428249m	40.34	ng		
59) Diethylphthalate	10.15	149	1944237	37.76	ng		96
60) 4-Chlorophenyl-phenylether	10.25	204	694997	34.75	ng		97
61) 4-Nitroaniline	10.27	138	513818	42.27	ng		93
62) Azobenzene	10.41	77	1934357	39.96	ng		94
64) 4,6-Dinitro-2-methylphenol	10.30	198	126539	15.88	ng		88
65) n-Nitrosodiphenylamine	10.36	169	1537055	35.26	ng		99
66) 4-Bromophenyl-phenylether	10.74	248	515236	35.45	ng	#	93
67) Hexachlorobenzene	10.80	284	560797	33.82	ng	#	93
68) Atrazine	10.90	200	454250	34.03	ng		98
69) Pentachlorophenol	10.99	266	521044	55.44	ng		98
70) Phenanthrene	11.21	178	2796793	39.94	ng		99
71) Anthracene	11.26	178	2469533	34.70	ng		99
72) Carbazole	11.42	167	2577696	40.38	ng		97
73) Di-n-butylphthalate	11.77	149	2977314	37.28	ng	#	97
74) Fluoranthene	12.39	202	2582656	38.78	ng		96
76) Benzidine	12.51	184	1036215	27.57	ng		98
77) Pyrene	12.62	202	2683973	28.38	ng		98
79) Butylbenzylphthalate	13.27	149	1299462	30.42	ng	#	85
80) Benzo(a)anthracene	13.85	228	2334389	35.09	ng		100
81) 3,3'-Dichlorobenzidine	13.82	252	700935	32.14	ng		99
82) Chrysene	13.90	228	2049374	35.94	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	2091764	35.55	ng		98
84) Di-n-octyl phthalate	14.57	149	3197968	40.90	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.66	276	1885890	25.92	ng		99
87) Benzo(b)fluoranthene	14.98	252	2200220	39.93	ng	#	96
88) Benzo(k)fluoranthene	15.01	252	1952286m	39.05	ng		
89) Benzo(a)pyrene	15.31	252	1909494	36.61	ng		98
90) Dibenzo(a,h)anthracene	16.69	278	1555839	27.48	ng		98
91) Benzo(g,h,i)perylene	17.05	276	1558984	26.15	ng		95

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

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