Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
Data File : BF088255.D
Acq On : 22 Jun 2016 17:53
Operator : UM/SJ
Sample : H3660-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1(3.5-4)MSD

Manual Integrations APPROVED
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6/23/2016 7:03:31 PM

Quant Time: Jun 22 18:56:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	81614	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	346935	20.00	ng		0.00
38) Acenaphthene-d10	9.64	164	164432	20.00	ng		0.00
63) Phenanthrene-d10	11.12	188	291045	20.00	ng		0.00
75) Chrysene-d12	13.75	240	215310	20.00	ng		0.00
86) Perylene-d12	15.11	264	174264	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	681795	142.81	ng		0.02
7) Phenol-d6	6.27	99	785872	135.83	ng		0.01
23) Nitrobenzene-d5	7.19	82	535034	90.05	ng		0.01
41) 2,4,6-Tribromophenol	10.43	330	188736	108.70	ng		0.00
44) 2-Fluorobiphenyl	8.97	172	883012	84.32	ng		0.00
78) Terphenyl-d14	12.70	244	686110	72.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	81226	35.02	ng	#	28
3) Pyridine	2.73	79	228067	41.64	ng		90
4) n-Nitrosodimethylamine	2.70	42	100149	43.17	ng	#	78
6) Aniline	6.27	93	279340	33.92	ng	#	52
8) 2-Chlorophenol	6.40	128	282902	50.06	ng		82
10) Phenol	6.28	94	362023	61.52	ng		91
11) bis(2-Chloroethyl)ether	6.35	93	268163	52.86	ng		88
12) 1,3-Dichlorobenzene	6.55	146	284536m	46.93	ng		
13) 1,4-Dichlorobenzene	6.62	146	287413	47.06	ng		95
14) 1,2-Dichlorobenzene	6.78	146	265980	47.89	ng		95
15) Benzyl Alcohol	6.76	79	190338	42.05	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.90	45	278788	40.67	ng		69
17) 2-Methylphenol	6.89	107	231151	50.44	ng		95
18) Hexachloroethane	7.11	117	101283	46.73	ng	#	85
19) n-Nitroso-di-n-propylamine	7.04	70	177535	47.97	ng	#	86
20) 3+4-Methylphenols	7.05	107	295543	55.27	ng	#	76
22) Acetophenone	7.03	105	362986	46.82	ng	#	98
24) Nitrobenzene	7.20	77	272502	47.35	ng		91
25) Isophorone	7.44	82	526713	47.86	ng		99
26) 2-Nitrophenol	7.52	139	166464	54.00	ng	#	81
27) 2,4-Dimethylphenol	7.58	122	257003	45.28	ng		100
28) bis(2-Chloroethoxy)methane	7.66	93	321418	47.09	ng	#	96
29) 2,4-Dichlorophenol	7.77	162	242057	51.08	ng		92
30) 1,2,4-Trichlorobenzene	7.84	180	243253	47.14	ng		99
31) Naphthalene	7.92	128	806866	47.00	ng		98
32) Benzoic acid	7.71	122	64039	20.49	ng		94
33) 4-Chloroaniline	7.98	127	288270	37.60	ng		95
34) Hexachlorobutadiene	8.03	225	123700	45.45	ng		99
35) Caprolactam	8.36	113	86881m	55.35	ng		
36) 4-Chloro-3-methylphenol	8.48	107	254323	50.18	ng		99
37) 2-Methylnaphthalene	8.60	142	513707m	45.40	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	229537	60.79	ng	#	1
40) Hexachlorocyclopentadiene	8.75	237	109889	41.43	ng		99
42) 2,4,6-Trichlorophenol	8.89	196	144659	43.99	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.95	196	158482	46.33	ng	#	91
45) 1,1'-Biphenyl	9.07	154	656121	54.47	ng		97
46) 2-Chloronaphthalene	9.10	162	511723	48.09	ng		97
47) 2-Nitroaniline	9.20	65	135336	43.12	ng		92
48) Acenaphthylene	9.51	152	753304	44.51	ng		99
49) Dimethylphthalate	9.39	163	849787	71.34	ng		99
50) 2,6-Dinitrotoluene	9.45	165	149147	54.68	ng		100
51) Acenaphthene	9.68	154	475117	45.00	ng		98
52) 3-Nitroaniline	9.61	138	127402	40.48	ng		100
53) 2,4-Dinitrophenol	9.74	184	66715	49.87	ng	#	75
54) Dibenzofuran	9.85	168	638071	43.88	ng		91
55) 4-Nitrophenol	9.80	139	143007	58.54	ng		92
56) 2,4-Dinitrotoluene	9.85	165	144529	41.23	ng	#	44
57) Fluorene	10.19	166	507319	52.43	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.98	232	129574	48.20	ng	#	57
59) Diethylphthalate	10.08	149	553842	45.94	ng		98
60) 4-Chlorophenyl-phenylether	10.18	204	205015	42.40	ng		96
61) 4-Nitroaniline	10.24	138	159793	53.52	ng		92
62) Azobenzene	10.34	77	544913	45.70	ng		96
64) 4,6-Dinitro-2-methylphenol	10.26	198	97126	53.21	ng	#	79
65) n-Nitrosodiphenylamine	10.31	169	464015	48.05	ng		100
66) 4-Bromophenyl-phenylether	10.67	248	151314	48.46	ng		95
67) Hexachlorobenzene	10.73	284	146691	45.22	ng		98
68) Atrazine	10.84	200	151855	51.93	ng		94
69) Pentachlorophenol	10.94	266	119333	69.78	ng		97
70) Phenanthrene	11.14	178	711974	46.62	ng		100
71) Anthracene	11.20	178	775047	50.31	ng		99
72) Carbazole	11.36	167	754589	52.34	ng		100
73) Di-n-butylphthalate	11.69	149	837248	45.88	ng		100
74) Fluoranthene	12.32	202	756815	46.96	ng		96
76) Benzidine	12.46	184	417382	70.01	ng		98
77) Pyrene	12.55	202	708777	44.36	ng		100
79) Butylbenzylphthalate	13.18	149	373213	52.83	ng		92
80) Benzo(a)anthracene	13.74	228	509584	41.53	ng		100
81) 3,3'-Dichlorobenzidine	13.70	252	153477	46.51	ng	#	98
82) Chrysene	13.77	228	556239	48.19	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	390842	45.45	ng		99
84) Di-n-octyl phthalate	14.34	149	729471	52.21	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.37	276	483009	45.04	ng	#	100
87) Benzo(b)fluoranthene	14.74	252	504413m	41.53	ng		
88) Benzo(k)fluoranthene	14.77	252	461100m	50.33	ng		
89) Benzo(a)pyrene	15.05	252	479008	48.74	ng		99
90) Dibenzo(a,h)anthracene	16.37	278	403920	44.26	ng		98
91) Benzo(g,h,i)perylene	16.74	276	428427	45.63	ng		96

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

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