Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
Data File : BF087964.D
Acq On : 12 Jun 2016 22:56
Operator : UM/SJ
Sample : H3473-01MSD
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-1000-(0-4)MSD

Manual Integrations APPROVED
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6/13/2016 7:51:24 PM

Quant Time: Jun 13 06:43:13 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 05:09:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	115420	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	491686	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	229958	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	434141	20.00	ng		0.00
75) Chrysene-d12	13.97	240	263076	20.00	ng		0.00
86) Perylene-d12	15.37	264	249910	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	741565	109.84	ng		0.03
7) Phenol-d6	6.44	99	996447	121.78	ng		0.00
23) Nitrobenzene-d5	7.37	82	642504	76.31	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	267486	110.16	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	1301656	89.19	ng		0.00
78) Terphenyl-d14	12.91	244	1064508	92.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	114605	34.93	ng	#	87
3) Pyridine	3.23	79	178957	23.10	ng		95
4) n-Nitrosodimethylamine	3.16	42	137295	41.85	ng		83
6) Aniline	6.47	93	185979	15.97	ng	#	35
8) 2-Chlorophenol	6.59	128	353276	44.21	ng		87
10) Phenol	6.46	94	316872	37.07	ng		74
11) bis(2-Chloroethyl)ether	6.55	93	337227	47.00	ng		87
12) 1,3-Dichlorobenzene	6.74	146	331845	38.70	ng		97
13) 1,4-Dichlorobenzene	6.82	146	354932	41.09	ng		98
14) 1,2-Dichlorobenzene	6.97	146	303264m	38.61	ng		
15) Benzyl Alcohol	6.95	79	264106	41.26	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	408933	42.19	ng		88
17) 2-Methylphenol	7.07	107	298096	46.00	ng		97
18) Hexachloroethane	7.31	117	118747	38.74	ng	#	86
19) n-Nitroso-di-n-propylamine	7.23	70	240974	46.04	ng	#	84
20) 3+4-Methylphenols	7.22	107	324071	42.86	ng	#	82
22) Acetophenone	7.22	105	454731	41.38	ng	#	92
24) Nitrobenzene	7.39	77	397549	48.74	ng		98
25) Isophorone	7.63	82	662147	42.45	ng		100
26) 2-Nitrophenol	7.70	139	191581	43.85	ng		95
27) 2,4-Dimethylphenol	7.75	122	335596	41.72	ng		95
28) bis(2-Chloroethoxy)methane	7.85	93	440998	45.59	ng		98
29) 2,4-Dichlorophenol	7.95	162	315587	46.99	ng		96
30) 1,2,4-Trichlorobenzene	8.03	180	297610	40.69	ng		100
31) Naphthalene	8.11	128	1092853	44.91	ng		100
32) Benzoic acid	7.88	122	239250	54.01	ng		95
33) 4-Chloroaniline	8.16	127	92924	8.55	ng		96
34) Hexachlorobutadiene	8.23	225	146483	37.98	ng		98
35) Caprolactam	8.55	113	92705m	41.67	ng		
36) 4-Chloro-3-methylphenol	8.66	107	337848	47.03	ng		90
37) 2-Methylnaphthalene	8.80	142	682095	42.53	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	268117	44.69	ng	#	1
40) Hexachlorocyclopentadiene	8.96	237	240748	64.90	ng		100
42) 2,4,6-Trichlorophenol	9.08	196	208174	45.27	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	197507	41.28	ng	#	87
45) 1,1'-Biphenyl	9.27	154	750343	43.23	ng		99
46) 2-Chloronaphthalene	9.29	162	611354	41.08	ng		99
47) 2-Nitroaniline	9.39	65	213472	48.63	ng	#	81
48) Acenaphthylene	9.71	152	1038712	43.88	ng		99
49) Dimethylphthalate	9.58	163	715785	42.97	ng		99
50) 2,6-Dinitrotoluene	9.63	165	160770	42.14	ng	#	65
51) Acenaphthene	9.88	154	713826	48.34	ng		100
52) 3-Nitroaniline	9.80	138	98473	22.37	ng	#	74
53) 2,4-Dinitrophenol	9.91	184	163799	78.68	ng		98
54) Dibenzofuran	10.06	168	940441	46.25	ng		97
55) 4-Nitrophenol	9.98	139	272773	79.84	ng	#	85
56) 2,4-Dinitrotoluene	10.04	165	235124	47.96	ng	#	92
57) Fluorene	10.40	166	667750	49.02	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	176835	47.03	ng	#	53
59) Diethylphthalate	10.27	149	707338	41.95	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	274812	40.64	ng		99
61) 4-Nitroaniline	10.42	138	186293	44.62	ng		98
62) Azobenzene	10.55	77	773414	46.38	ng		97
64) 4,6-Dinitro-2-methylphenol	10.44	198	116827	43.32	ng		88
65) n-Nitrosodiphenylamine	10.51	169	658781	45.73	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	208139	44.69	ng	#	93
67) Hexachlorobenzene	10.94	284	190491	39.36	ng		98
68) Atrazine	11.04	200	164288	37.66	ng		92
69) Pentachlorophenol	11.13	266	223389	87.57	ng		97
70) Phenanthrene	11.35	178	950164	41.71	ng		100
71) Anthracene	11.40	178	1031698	44.90	ng		100
72) Carbazole	11.55	167	960828	44.68	ng		99
73) Di-n-butylphthalate	11.90	149	1139725	41.87	ng		100
74) Fluoranthene	12.54	202	995940	41.43	ng		99
76) Benzidine	12.65	184	43495	5.97	ng		100
77) Pyrene	12.77	202	1049387	53.75	ng		99
79) Butylbenzylphthalate	13.38	149	481617	55.80	ng	#	79
80) Benzo(a)anthracene	13.94	228	690660	46.07	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	132361	32.83	ng		98
82) Chrysene	13.99	228	749769	53.16	ng		100
83) Bis(2-ethylhexyl)phthalate	13.95	149	564961	53.77	ng	#	96
84) Di-n-octyl phthalate	14.56	149	957400	56.08	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.73	276	648728	49.51	ng	#	100
87) Benzo(b)fluoranthene	14.97	252	690274	39.63	ng	#	96
88) Benzo(k)fluoranthene	14.99	252	607700m	46.25	ng		
89) Benzo(a)pyrene	15.31	252	618316	43.88	ng		98
90) Dibenzo(a,h)anthracene	16.75	278	543457	41.52	ng		99
91) Benzo(g,h,i)perylene	17.14	276	513092	38.11	ng		98

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

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