Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061616\
Data File : BF088075.D
Acq On : 16 Jun 2016 14:56
Operator : UM/SJ
Sample : H3510-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MSD

Manual Integrations APPROVED
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6/17/2016 7:15:29 PM

Quant Time: Jun 16 16:18:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 16 14:54:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	113348	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	471631	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	234198	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	450191	20.00	ng		0.00
75) Chrysene-d12	13.87	240	312736	20.00	ng		0.01
86) Perylene-d12	15.26	264	287958	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	767385	115.74	ng		0.03
7) Phenol-d6	6.38	99	901725	112.22	ng		0.01
23) Nitrobenzene-d5	7.29	82	607127	75.17	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	241397	97.62	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1133179	75.38	ng		0.00
78) Terphenyl-d14	12.82	244	994129	72.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	103996	32.28	ng	#	87
3) Pyridine	3.11	79	186139m	24.47	ng		
4) n-Nitrosodimethylamine	3.02	42	119139	36.98	ng		79
6) Aniline	6.39	93	135072	11.81	ng	#	1
8) 2-Chlorophenol	6.51	128	317626	40.47	ng		85
10) Phenol	6.39	94	366414	44.12	ng		90
11) bis(2-Chloroethyl)ether	6.47	93	320192	45.44	ng		86
12) 1,3-Dichlorobenzene	6.66	146	327431m	38.89	ng		
13) 1,4-Dichlorobenzene	6.74	146	318633	37.57	ng		94
14) 1,2-Dichlorobenzene	6.89	146	310030	40.19	ng		95
15) Benzyl Alcohol	6.88	79	235037	37.39	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	355616	37.36	ng		75
17) 2-Methylphenol	6.99	107	269977	42.42	ng		99
18) Hexachloroethane	7.23	117	121504	40.37	ng		97
19) n-Nitroso-di-n-propylamine	7.14	70	209303	40.72	ng		89
20) 3+4-Methylphenols	7.15	107	318805	42.93	ng	#	77
22) Acetophenone	7.14	105	427429	40.55	ng		95
24) Nitrobenzene	7.31	77	338560	43.27	ng		95
25) Isophorone	7.55	82	626232	41.86	ng		98
26) 2-Nitrophenol	7.62	139	172857	41.25	ng		89
27) 2,4-Dimethylphenol	7.68	122	328129	42.52	ng		100
28) bis(2-Chloroethoxy)methane	7.77	93	401287	43.25	ng		99
29) 2,4-Dichlorophenol	7.87	162	296408	46.01	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	283380	40.39	ng		98
31) Naphthalene	8.02	128	961642	41.20	ng		99
32) Benzoic acid	7.82	122	219281	51.61	ng		93
33) 4-Chloroaniline	8.09	127	46248	4.44	ng		96
34) Hexachlorobutadiene	8.15	225	143516	38.79	ng		99
35) Caprolactam	8.47	113	102533m	48.05	ng		
36) 4-Chloro-3-methylphenol	8.58	107	296994	43.11	ng		98
37) 2-Methylnaphthalene	8.72	142	628639	40.86	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	271963	44.42	ng	#	1
40) Hexachlorocyclopentadiene	8.87	237	163004	43.15	ng		98
42) 2,4,6-Trichlorophenol	9.00	196	198997	42.49	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	186595	38.29	ng	#	85
45) 1,1'-Biphenyl	9.19	154	807467	46.08	ng		97
46) 2-Chloronaphthalene	9.21	162	621959	41.04	ng		96
47) 2-Nitroaniline	9.31	65	202162	45.22	ng	#	69
48) Acenaphthylene	9.62	152	961887	39.90	ng		99
49) Dimethylphthalate	9.50	163	737739	43.49	ng		100
50) 2,6-Dinitrotoluene	9.55	165	174091	44.81	ng	#	71
51) Acenaphthene	9.79	154	591340	39.32	ng		98
52) 3-Nitroaniline	9.71	138	38401	8.57	ng		95
53) 2,4-Dinitrophenol	9.84	184	175652	81.96	ng	#	68
54) Dibenzofuran	9.96	168	768254	37.10	ng	#	89
55) 4-Nitrophenol	9.91	139	265691	76.36	ng	#	64
56) 2,4-Dinitrotoluene	9.96	165	225705	45.20	ng	#	82
57) Fluorene	10.31	166	661872	47.57	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	156873	40.97	ng	#	53
59) Diethylphthalate	10.19	149	748281	43.57	ng		100
60) 4-Chlorophenyl-phenylether	10.30	204	251342	36.49	ng		93
61) 4-Nitroaniline	10.34	138	174751	41.09	ng		99
62) Azobenzene	10.46	77	693922	40.86	ng		96
64) 4,6-Dinitro-2-methylphenol	10.36	198	120036	42.95	ng		95
65) n-Nitrosodiphenylamine	10.42	169	579044	38.76	ng		100
66) 4-Bromophenyl-phenylether	10.79	248	193240	40.01	ng	#	91
67) Hexachlorobenzene	10.86	284	204889	40.83	ng	#	70
68) Atrazine	10.96	200	170440	37.68	ng		99
69) Pentachlorophenol	11.05	266	216716	81.93	ng		97
70) Phenanthrene	11.27	178	1061772	44.95	ng		99
71) Anthracene	11.31	178	884999	37.14	ng		99
72) Carbazole	11.47	167	962483	43.16	ng		100
73) Di-n-butylphthalate	11.80	149	1055498	37.39	ng		100
74) Fluoranthene	12.44	202	930944	37.34	ng		99
76) Benzidine	12.57	184	45359	5.24	ng		99
77) Pyrene	12.67	202	1002175	43.18	ng		99
79) Butylbenzylphthalate	13.29	149	521638	50.84	ng	#	81
80) Benzo(a)anthracene	13.86	228	696641	39.09	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	102241	21.33	ng		99
82) Chrysene	13.90	228	739618	44.11	ng		100
83) Bis(2-ethylhexyl)phthalate	13.86	149	574462	45.99	ng	#	96
84) Di-n-octyl phthalate	14.47	149	1128693	55.61	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.57	276	647546	41.57	ng	#	100
87) Benzo(b)fluoranthene	14.87	252	731089m	36.43	ng		
88) Benzo(k)fluoranthene	14.90	252	748764m	49.46	ng		
89) Benzo(a)pyrene	15.20	252	684497	42.15	ng		99
90) Dibenzo(a,h)anthracene	16.58	278	539817	35.79	ng		97
91) Benzo(g,h,i)perylene	16.97	276	548087	35.33	ng		100

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

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