Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
Data File : BF088449.D
Acq On : 27 Jun 2016 11:53
Operator : UM/SJ
Sample : H3731-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216MS

Manual Integrations APPROVED
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6/27/2016 8:02:59 PM

Quant Time: Jun 27 19:34:05 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 19:14:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	68208	20.00	ng		-0.01
21) Naphthalene-d8	7.83	136	285562	20.00	ng		-0.01
38) Acenaphthene-d10	9.58	164	132831	20.00	ng		-0.01
63) Phenanthrene-d10	11.05	188	256627	20.00	ng		-0.01
75) Chrysene-d12	13.68	240	201337	20.00	ng		-0.01
86) Perylene-d12	15.03	264	164343	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	473815	118.76	ng		0.01
7) Phenol-d6	6.22	99	595218	123.10	ng		-0.02
23) Nitrobenzene-d5	7.12	82	408176	83.47	ng		-0.02
41) 2,4,6-Tribromophenol	10.36	330	158948	113.33	ng		-0.01
44) 2-Fluorobiphenyl	8.90	172	760338	90.26	ng		-0.02
78) Terphenyl-d14	12.64	244	767619	86.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	52781m	27.23	ng		
3) Pyridine	2.81	79	47284m	10.33	ng		
4) n-Nitrosodimethylamine	2.67	42	31188	16.09	ng		84
6) Aniline	6.23	93	20187	2.93	ng	#	1
8) 2-Chlorophenol	6.33	128	101267	21.44	ng		91
9) Benzaldehyde	6.09	77	41252	10.44	ng		100
10) Phenol	6.23	94	112236	21.16	ng		93
11) bis(2-Chloroethyl)ether	6.28	93	99447	23.46	ng		89
12) 1,3-Dichlorobenzene	6.48	146	94890	18.73	ng	#	92
13) 1,4-Dichlorobenzene	6.56	146	99777	19.55	ng		96
14) 1,2-Dichlorobenzene	6.71	146	102648	22.11	ng		95
15) Benzyl Alcohol	6.71	79	80152	21.19	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.83	45	100643	17.57	ng	#	7
17) 2-Methylphenol	6.83	107	76597	20.00	ng	#	88
18) Hexachloroethane	7.04	117	35865	19.80	ng	#	87
19) n-Nitroso-di-n-propylamine	6.97	70	69990	22.63	ng	#	88
20) 3+4-Methylphenols	6.99	107	98748	22.10	ng	#	78
22) Acetophenone	6.96	105	146743	22.99	ng	#	96
24) Nitrobenzene	7.13	77	94263	19.90	ng		89
25) Isophorone	7.38	82	184940	20.42	ng	#	93
26) 2-Nitrophenol	7.45	139	57113	22.51	ng	#	88
27) 2,4-Dimethylphenol	7.51	122	93427	20.00	ng		94
28) bis(2-Chloroethoxy)methane	7.60	93	118058	21.01	ng		98
29) 2,4-Dichlorophenol	7.71	162	82603	21.18	ng		94
30) 1,2,4-Trichlorobenzene	7.77	180	86673	20.41	ng		99
31) Naphthalene	7.85	128	330235	23.37	ng		97
32) Benzoic acid	7.67	122	17872	6.95	ng		91
33) 4-Chloroaniline	7.93	127	27685	4.39	ng		94
34) Hexachlorobutadiene	7.96	225	46479	20.75	ng		96
35) Caprolactam	8.31	113	24264	18.78	ng	#	77
36) 4-Chloro-3-methylphenol	8.42	107	93182	22.34	ng		94
37) 2-Methylnaphthalene	8.54	142	204563m	21.96	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	87308	21.22	ng	#	1
40) Hexachlorocyclopentadiene	8.68	237	23951	11.18	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	54921	20.68	ng		95
43) 2,4,5-Trichlorophenol	8.89	196	55046	19.92	ng		97
45) 1,1'-Biphenyl	9.00	154	260339	23.09	ng		96
46) 2-Chloronaphthalene	9.03	162	205509	23.91	ng		95
47) 2-Nitroaniline	9.14	65	54417	21.46	ng	#	68
48) Acenaphthylene	9.44	152	304954	22.30	ng		98
49) Dimethylphthalate	9.31	163	231664	24.08	ng		99
50) 2,6-Dinitrotoluene	9.38	165	53926	24.47	ng	#	86
51) Acenaphthene	9.60	154	183527	21.52	ng		99
52) 3-Nitroaniline	9.55	138	18034	7.09	ng	#	92
53) 2,4-Dinitrophenol	9.69	184	9198	12.11	ng	#	86
54) Dibenzofuran	9.78	168	280180	23.85	ng		92
55) 4-Nitrophenol	9.79	139	30159m	15.28	ng		
56) 2,4-Dinitrotoluene	9.79	165	68258	24.10	ng		96
57) Fluorene	10.11	166	218644	25.45	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	48983	22.55	ng	#	61
59) Diethylphthalate	10.01	149	241297	24.77	ng		97
60) 4-Chlorophenyl-phenylether	10.11	204	95860	24.54	ng		95
61) 4-Nitroaniline	10.17	138	55514	23.02	ng		100
62) Azobenzene	10.27	77	234439	24.34	ng		96
64) 4,6-Dinitro-2-methylphenol	10.20	198	7756	6.79	ng		94
65) n-Nitrosodiphenylamine	10.24	169	197670	23.21	ng		99
66) 4-Bromophenyl-phenylether	10.60	248	58628	21.29	ng		94
67) Hexachlorobenzene	10.66	284	64869	22.68	ng		94
68) Atrazine	10.78	200	50353	19.53	ng		93
69) Pentachlorophenol	10.88	266	46013	30.51	ng		99
70) Phenanthrene	11.07	178	318305	23.64	ng		99
71) Anthracene	11.12	178	344861	25.39	ng		98
72) Carbazole	11.29	167	329908	25.95	ng		98
73) Di-n-butylphthalate	11.62	149	365742	22.73	ng		99
74) Fluoranthene	12.25	202	334990	23.57	ng		99
76) Benzidine	12.40	184	18177	3.26	ng	#	1
77) Pyrene	12.48	202	329510	22.05	ng		99
79) Butylbenzylphthalate	13.11	149	162440	24.59	ng		91
80) Benzo(a)anthracene	13.67	228	286618	24.98	ng		99
81) 3,3'-Dichlorobenzidine	13.63	252	32174	10.43	ng	#	95
82) Chrysene	13.70	228	262138	24.29	ng		98
83) Bis(2-ethylhexyl)phthalate	13.67	149	201353	25.04	ng		98
84) Di-n-octyl phthalate	14.27	149	337715	25.85	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.25	276	203450	20.29	ng	#	100
87) Benzo(b)fluoranthene	14.66	252	318325m	27.79	ng		
88) Benzo(k)fluoranthene	14.70	252	165486m	19.15	ng		
89) Benzo(a)pyrene	14.97	252	224796	24.26	ng		98
90) Dibenzo(a,h)anthracene	16.25	278	174306	20.25	ng		98
91) Benzo(g,h,i)perylene	16.62	276	171998	19.43	ng		97

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

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