Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
Data File : BF088450.D
Acq On : 27 Jun 2016 12:22
Operator : UM/SJ
Sample : H3731-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations APPROVED
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6/27/2016 8:03:02 PM

Quant Time: Jun 27 19:30:27 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	63681m	20.00	ng		-0.01
21) Naphthalene-d8	7.83	136	272771	20.00	ng		-0.01
38) Acenaphthene-d10	9.58	164	129405	20.00	ng		-0.01
63) Phenanthrene-d10	11.05	188	245743	20.00	ng		-0.01
75) Chrysene-d12	13.68	240	203431	20.00	ng		-0.01
86) Perylene-d12	15.03	264	165718	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	459023	123.23	ng		0.01
7) Phenol-d6	6.22	99	568968	126.03	ng		-0.02
23) Nitrobenzene-d5	7.12	82	383090	82.01	ng		-0.02
41) 2,4,6-Tribromophenol	10.36	330	158781	116.21	ng		-0.01
44) 2-Fluorobiphenyl	8.90	172	729117	88.76	ng		-0.02
78) Terphenyl-d14	12.64	244	732430	81.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	57393m	31.71	ng		
3) Pyridine	2.80	79	49891m	11.67	ng		
4) n-Nitrosodimethylamine	2.67	42	28411	15.70	ng	#	81
6) Aniline	6.23	93	22082m	3.44	ng		
8) 2-Chlorophenol	6.33	128	98224	22.28	ng		88
9) Benzaldehyde	6.09	77	42110	11.45	ng		98
10) Phenol	6.23	94	107929	21.88	ng		94
11) bis(2-Chloroethyl)ether	6.28	93	99398	25.11	ng		87
12) 1,3-Dichlorobenzene	6.48	146	93802m	19.83	ng		
13) 1,4-Dichlorobenzene	6.56	146	98500m	20.67	ng		
14) 1,2-Dichlorobenzene	6.71	146	95734	22.09	ng		96
15) Benzyl Alcohol	6.71	79	74725	21.16	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.83	45	101034	18.89	ng	#	8
17) 2-Methylphenol	6.83	107	76354m	21.35	ng		
18) Hexachloroethane	7.04	117	35348m	20.90	ng		
19) n-Nitroso-di-n-propylamine	6.97	70	68134m	23.59	ng		
20) 3+4-Methylphenols	6.99	107	95989	23.01	ng	#	79
22) Acetophenone	6.96	105	140846	23.11	ng	#	97
24) Nitrobenzene	7.13	77	90440	19.99	ng		90
25) Isophorone	7.37	82	179434	20.74	ng		97
26) 2-Nitrophenol	7.45	139	54079	22.31	ng	#	89
27) 2,4-Dimethylphenol	7.51	122	91086	20.41	ng		92
28) bis(2-Chloroethoxy)methane	7.60	93	112901	21.04	ng		98
29) 2,4-Dichlorophenol	7.71	162	81970	22.00	ng		94
30) 1,2,4-Trichlorobenzene	7.77	180	83618	20.61	ng		100
31) Naphthalene	7.85	128	324774	24.06	ng		98
32) Benzoic acid	7.67	122	29200	11.88	ng		91
33) 4-Chloroaniline	7.93	127	22941	3.81	ng		94
34) Hexachlorobutadiene	7.96	225	44862	20.97	ng		98
35) Caprolactam	8.31	113	25386m	20.57	ng		
36) 4-Chloro-3-methylphenol	8.42	107	89850	22.55	ng		94
37) 2-Methylnaphthalene	8.54	142	197421	22.19	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	84983	21.20	ng	#	1
40) Hexachlorocyclopentadiene	8.68	237	22408	10.74	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	54625	21.11	ng		96
43) 2,4,5-Trichlorophenol	8.88	196	52839	19.63	ng	#	84
45) 1,1'-Biphenyl	9.00	154	256005	23.37	ng		96
46) 2-Chloronaphthalene	9.03	162	191186	22.83	ng		95
47) 2-Nitroaniline	9.14	65	52345	21.19	ng	#	69
48) Acenaphthylene	9.43	152	295244	22.17	ng		98
49) Dimethylphthalate	9.31	163	236059	25.18	ng		99
50) 2,6-Dinitrotoluene	9.38	165	53224	24.79	ng		97
51) Acenaphthene	9.60	154	174170	20.96	ng		99
52) 3-Nitroaniline	9.56	138	15345	6.19	ng	#	88
53) 2,4-Dinitrophenol	9.69	184	12827	15.83	ng		90
54) Dibenzofuran	9.78	168	269650	23.56	ng		92
55) 4-Nitrophenol	9.79	139	28508m	14.83	ng		
56) 2,4-Dinitrotoluene	9.79	165	65154	23.62	ng	#	94
57) Fluorene	10.11	166	210676	25.11	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	46350	21.91	ng	#	59
59) Diethylphthalate	10.01	149	239238	25.21	ng		98
60) 4-Chlorophenyl-phenylether	10.11	204	93381	24.54	ng		97
61) 4-Nitroaniline	10.17	138	46910	19.96	ng		97
62) Azobenzene	10.27	77	228141	24.31	ng		96
64) 4,6-Dinitro-2-methylphenol	10.20	198	9773	8.25	ng		86
65) n-Nitrosodiphenylamine	10.24	169	186600	22.88	ng		100
66) 4-Bromophenyl-phenylether	10.60	248	56977	21.61	ng		94
67) Hexachlorobenzene	10.66	284	61397	22.41	ng		96
68) Atrazine	10.78	200	40550	16.42	ng		94
69) Pentachlorophenol	10.88	266	49586	34.34	ng		98
70) Phenanthrene	11.07	178	314631	24.40	ng		98
71) Anthracene	11.12	178	333121	25.61	ng		98
72) Carbazole	11.29	167	310918	25.54	ng		98
73) Di-n-butylphthalate	11.62	149	363631	23.60	ng		99
74) Fluoranthene	12.25	202	321779	23.65	ng		99
76) Benzidine	12.40	184	11465	2.04	ng	#	1
77) Pyrene	12.48	202	327212	21.68	ng		99
79) Butylbenzylphthalate	13.11	149	161058	24.13	ng		93
80) Benzo(a)anthracene	13.67	228	284384	24.53	ng		98
81) 3,3'-Dichlorobenzidine	13.63	252	20725	6.65	ng	#	96
82) Chrysene	13.70	228	268824	24.65	ng		98
83) Bis(2-ethylhexyl)phthalate	13.67	149	204384	25.16	ng		98
84) Di-n-octyl phthalate	14.27	149	357041	27.05	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.25	276	209105	20.64	ng	#	100
87) Benzo(b)fluoranthene	14.67	252	323910m	28.04	ng		
88) Benzo(k)fluoranthene	14.70	252	178098m	20.44	ng		
89) Benzo(a)pyrene	14.97	252	231021	24.72	ng		100
90) Dibenzo(a,h)anthracene	16.25	278	178310	20.54	ng		98
91) Benzo(g,h,i)perylene	16.62	276	174347	19.53	ng		98

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

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