Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088362.D
Acq On : 25 Jun 2016 6:46
Operator : UM/SJ
Sample : H3731-01MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

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

Manual Integrations APPROVED
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6/27/2016 8:13:39 PM

Quant Time: Jun 27 02:12:11 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	6.58	152	72642	20.00	ng		-0.02
21) Naphthalene-d8	7.87	136	283927	20.00	ng		-0.02
38) Acenaphthene-d10	9.61	164	119434	20.00	ng		-0.03
63) Phenanthrene-d10	11.10	188	188808	20.00	ng		-0.02
75) Chrysene-d12	13.71	240	146394	20.00	ng		-0.03
86) Perylene-d12	15.07	264	116525	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	497928	117.18	ng		0.01
7) Phenol-d6	6.26	99	607108	117.89	ng		0.00
23) Nitrobenzene-d5	7.16	82	422945	86.99	ng		-0.01
41) 2,4,6-Tribromophenol	10.41	330	140565	111.46	ng		-0.02
44) 2-Fluorobiphenyl	8.95	172	729845	96.76	ng		-0.02
78) Terphenyl-d14	12.67	244	537693	83.58	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	63420	30.72	ng	#	87
3) Pyridine	2.86	79	25517	5.23	ng		95
4) n-Nitrosodimethylamine	2.73	42	28332	13.72	ng	#	84
6) Aniline	6.28	93	34606	4.72	ng	#	1
8) 2-Chlorophenol	6.38	128	106204	21.12	ng		92
9) Benzaldehyde	6.14	77	50636	12.11	ng		99
10) Phenol	6.27	94	113249	19.91	ng		93
11) bis(2-Chloroethyl)ether	6.33	93	107439	23.79	ng		87
12) 1,3-Dichlorobenzene	6.52	146	99906m	18.51	ng		
13) 1,4-Dichlorobenzene	6.60	146	108752	20.01	ng		96
14) 1,2-Dichlorobenzene	6.75	146	111184	22.49	ng		95
15) Benzyl Alcohol	6.75	79	76775	19.06	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	111658	18.30	ng	#	25
17) 2-Methylphenol	6.88	107	73091	17.92	ng	#	85
18) Hexachloroethane	7.08	117	34539	17.91	ng	#	82
19) n-Nitroso-di-n-propylamine	7.02	70	74073	22.48	ng	#	82
20) 3+4-Methylphenols	7.04	107	95208	20.01	ng	#	81
22) Acetophenone	7.00	105	155427	24.50	ng	#	97
24) Nitrobenzene	7.18	77	98650	20.95	ng		87
25) Isophorone	7.42	82	196157	21.78	ng		99
26) 2-Nitrophenol	7.50	139	55884	22.15	ng	#	85
27) 2,4-Dimethylphenol	7.55	122	93897	20.21	ng		97
28) bis(2-Chloroethoxy)methane	7.63	93	126202	22.59	ng	#	95
29) 2,4-Dichlorophenol	7.75	162	87044	22.44	ng		98
30) 1,2,4-Trichlorobenzene	7.82	180	89851	21.28	ng		99
31) Naphthalene	7.90	128	338935	24.12	ng		98
32) Benzoic acid	7.70	122	36101	14.11	ng		92
33) 4-Chloroaniline	7.96	127	45029	7.18	ng		97
34) Hexachlorobutadiene	8.01	225	47700	21.42	ng		99
35) Caprolactam	8.33	113	21245	16.54	ng	#	67
36) 4-Chloro-3-methylphenol	8.46	107	88352	21.30	ng		92
37) 2-Methylnaphthalene	8.58	142	210491	22.73	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	83201	22.75	ng	#	1
42) 2,4,6-Trichlorophenol	8.88	196	50357	21.08	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.92	196	56875	22.89	ng	#	94
45) 1,1'-Biphenyl	9.05	154	249191	25.05	ng		96
46) 2-Chloronaphthalene	9.07	162	192048	24.85	ng		93
47) 2-Nitroaniline	9.19	65	50320	22.07	ng	#	62
48) Acenaphthylene	9.47	152	281659	22.91	ng		99
49) Dimethylphthalate	9.36	163	224411	25.94	ng		98
50) 2,6-Dinitrotoluene	9.42	165	45864	23.15	ng	#	59
51) Acenaphthene	9.64	154	167685	21.87	ng		99
52) 3-Nitroaniline	9.60	138	28925	12.65	ng		85
53) 2,4-Dinitrophenol	9.72	184	15599	19.66	ng		87
54) Dibenzofuran	9.82	168	248391	23.52	ng	#	80
55) 4-Nitrophenol	9.79	139	33175m	18.70	ng		
56) 2,4-Dinitrotoluene	9.83	165	58718	23.06	ng	#	71
57) Fluorene	10.16	166	197782	25.63	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.95	232	46880	24.01	ng	#	61
59) Diethylphthalate	10.04	149	210934	24.09	ng		96
60) 4-Chlorophenyl-phenylether	10.16	204	89086	25.36	ng		97
61) 4-Nitroaniline	10.20	138	40756	18.79	ng		95
62) Azobenzene	10.32	77	203986	23.55	ng		94
64) 4,6-Dinitro-2-methylphenol	10.24	198	8632	9.16	ng		83
65) n-Nitrosodiphenylamine	10.28	169	175535	28.02	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	52258	25.80	ng	#	77
67) Hexachlorobenzene	10.71	284	51322	24.39	ng	#	82
68) Atrazine	10.81	200	42063	22.17	ng		90
69) Pentachlorophenol	10.91	266	57701	52.01	ng		97
70) Phenanthrene	11.12	178	237875	24.01	ng		98
71) Anthracene	11.16	178	266910	26.71	ng		98
72) Carbazole	11.34	167	228782	24.46	ng		97
73) Di-n-butylphthalate	11.67	149	315737	26.67	ng	#	98
74) Fluoranthene	12.30	202	237649	22.73	ng		98
76) Benzidine	12.43	184	60115	14.83	ng		99
77) Pyrene	12.52	202	235655	21.69	ng		97
79) Butylbenzylphthalate	13.15	149	112014	23.32	ng		90
80) Benzo(a)anthracene	13.70	228	196281	23.53	ng		98
81) 3,3'-Dichlorobenzidine	13.68	252	66198	29.51	ng	#	97
82) Chrysene	13.75	228	209533	26.70	ng		96
83) Bis(2-ethylhexyl)phthalate	13.71	149	145935	24.96	ng	#	97
84) Di-n-octyl phthalate	14.32	149	283786	29.87	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.32	276	144554	19.82	ng	#	100
87) Benzo(b)fluoranthene	14.71	252	169038m	20.81	ng		
88) Benzo(k)fluoranthene	14.73	252	183798m	30.00	ng		
89) Benzo(a)pyrene	15.03	252	158058	24.05	ng	#	94
90) Dibenzo(a,h)anthracene	16.32	278	121476	19.90	ng		97
91) Benzo(g,h,i)perylene	16.70	276	115068	18.33	ng		97

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

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