Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
Data File : BF080080.D
Acq On : 20 Jun 2015 4:32
Operator : TP/IZ
Sample : G2683-02MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PE-2MSD

Manual Integrations APPROVED
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6/22/2015 2:43:55 PM

Quant Time: Jun 20 05:48:14 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 16:41:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	40720	20.00	ng		-0.01
21) Naphthalene-d8	8.62	136	169910	20.00	ng		-0.01
38) Acenaphthene-d10	10.39	164	93260	20.00	ng		-0.01
63) Phenanthrene-d10	11.90	188	198211	20.00	ng		-0.01
75) Chrysene-d12	14.79	240	225254	20.00	ng		-0.07
86) Perylene-d12	16.63	264	213766	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	274784	119.45	ng		0.00
7) Phenol-d6	6.93	99	351669	114.88	ng		-0.01
23) Nitrobenzene-d5	7.89	82	232123	79.53	ng		-0.01
41) 2,4,6-Tribromophenol	11.19	330	109827	120.43	ng		-0.01
44) 2-Fluorobiphenyl	9.69	172	426936	65.29	ng		-0.01
78) Terphenyl-d14	13.56	244	598231	62.03	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	27048	24.74	ng	#	85
3) Pyridine	4.04	79	97527	33.54	ng		86
4) n-Nitrosodimethylamine	3.94	42	44551	32.24	ng		97
6) Aniline	6.98	93	152168	36.13	ng		93
8) 2-Chlorophenol	7.11	128	99446	37.41	ng		86
9) Benzaldehyde	6.88	77	46948	26.57	ng		91
10) Phenol	6.95	94	119384	35.74	ng		87
11) bis(2-Chloroethyl)ether	7.05	93	90791	34.26	ng	#	83
12) 1,3-Dichlorobenzene	7.27	146	104859m	32.83	ng		
13) 1,4-Dichlorobenzene	7.35	146	117988m	38.84	ng		
14) 1,2-Dichlorobenzene	7.51	146	103585	35.05	ng		98
15) Benzyl Alcohol	7.45	79	92288	36.87	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.59	45	158674	40.33	ng		90
17) 2-Methylphenol	7.56	107	78552	34.59	ng	#	83
18) Hexachloroethane	7.85	117	38579	38.15	ng		89
19) n-Nitroso-di-n-propylamine	7.73	70	73383	34.53	ng	#	75
20) 3+4-Methylphenols	7.72	107	110938	37.85	ng		92
22) Acetophenone	7.73	105	148223	37.43	ng	#	82
24) Nitrobenzene	7.91	77	104764	34.78	ng	#	79
25) Isophorone	8.14	82	197503	33.62	ng	#	85
26) 2-Nitrophenol	8.23	139	50699	40.21	ng	#	77
27) 2,4-Dimethylphenol	8.25	122	89686	34.11	ng		86
28) bis(2-Chloroethoxy)methane	8.34	93	134217	38.89	ng	#	92
29) 2,4-Dichlorophenol	8.47	162	87779	38.98	ng		97
30) 1,2,4-Trichlorobenzene	8.56	180	99317	38.84	ng		99
31) Naphthalene	8.64	128	299909m	33.76	ng		
33) 4-Chloroaniline	8.68	127	114136m	30.02	ng		
34) Hexachlorobutadiene	8.77	225	54737	34.76	ng		99
35) Caprolactam	9.01	113	24756	33.87	ng	#	84
36) 4-Chloro-3-methylphenol	9.14	107	91030	35.84	ng	#	74
37) 2-Methylnaphthalene	9.34	142	227933	39.67	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	103562	38.16	ng		98
40) Hexachlorocyclopentadiene	9.50	237	97787	70.80	ng		98
42) 2,4,6-Trichlorophenol	9.61	196	70564	38.21	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.65	196	69560	32.70	ng	#	91
45) 1,1'-Biphenyl	9.81	154	254271	33.51	ng		94
46) 2-Chloronaphthalene	9.83	162	202371	32.87	ng		94
47) 2-Nitroaniline	9.91	65	56151	33.22	ng	#	57
48) Acenaphthylene	10.25	152	350219	34.08	ng		98
49) Dimethylphthalate	10.08	163	259534	37.02	ng	#	97
50) 2,6-Dinitrotoluene	10.15	165	50758	36.11	ng	#	56
51) Acenaphthene	10.42	154	210142	33.43	ng		93
52) 3-Nitroaniline	10.32	138	54492	33.60	ng	#	55
53) 2,4-Dinitrophenol	10.44	184	28742	52.41	ng	#	1
54) Dibenzofuran	10.60	168	300863	33.73	ng	#	88
55) 4-Nitrophenol	10.47	139	97274	75.04	ng	#	74
56) 2,4-Dinitrotoluene	10.56	165	73576	41.25	ng	#	94
57) Fluorene	10.95	166	241388	34.10	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.71	232	62561	34.83	ng		98
59) Diethylphthalate	10.79	149	249033	35.27	ng		97
60) 4-Chlorophenyl-phenylether	10.93	204	120709	35.49	ng	#	87
61) 4-Nitroaniline	10.94	138	63513	37.92	ng	#	54
62) Azobenzene	11.09	77	267912	37.28	ng		87
64) 4,6-Dinitro-2-methylphenol	10.97	198	33413	36.86	ng		85
65) n-Nitrosodiphenylamine	11.04	169	224620	34.80	ng		92
66) 4-Bromophenyl-phenylether	11.43	248	71472	33.91	ng	#	81
67) Hexachlorobenzene	11.51	284	77215	32.97	ng	#	77
68) Atrazine	11.56	200	66143	32.44	ng		82
69) Pentachlorophenol	11.69	266	88663	66.80	ng		99
70) Phenanthrene	11.92	178	412852	34.40	ng		97
71) Anthracene	11.97	178	380882	32.96	ng		97
72) Carbazole	12.12	167	340878	30.90	ng		95
73) Di-n-butylphthalate	12.45	149	431962	33.89	ng	#	99
74) Fluoranthene	13.16	202	427002	33.41	ng		96
76) Benzidine	13.27	184	352160	55.93	ng		98
77) Pyrene	13.41	202	441472	31.83	ng		97
79) Butylbenzylphthalate	14.08	149	198239	35.59	ng		91
80) Benzo(a)anthracene	14.78	228	447951	32.64	ng		97
81) 3,3'-Dichlorobenzidine	14.72	252	154249	32.59	ng	#	94
82) Chrysene	14.83	228	419221	33.13	ng		95
83) Bis(2-ethylhexyl)phthalate	14.75	149	302072	34.32	ng	#	92
84) Di-n-octyl phthalate	15.52	149	503788	33.40	ng		94
85) Indeno(1,2,3-cd)pyrene	18.47	276	464956	29.14	ng	#	89
87) Benzo(b)fluoranthene	16.09	252	404237	31.23	ng	#	86
88) Benzo(k)fluoranthene	16.13	252	440125m	33.39	ng		
89) Benzo(a)pyrene	16.55	252	416462	33.88	ng	#	86
90) Dibenzo(a,h)anthracene	18.49	278	393326	31.26	ng	#	82
91) Benzo(g,h,i)perylene	19.03	276	387600	30.51	ng	#	78

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

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