Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031117\
Data File : BF093574.D
Acq On : 11 Mar 2017 18:26
Operator : SJ/MA
Sample : I2215-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-V4-BASEMS

Manual Integrations APPROVED
mohammad
3/15/2017 5:32:19 PM

Quant Time: Mar 13 16:29:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	190731	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	792016	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	371903	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	639344	20.00	ng		0.00
75) Chrysene-d12	13.88	240	402213	20.00	ng		-0.01
86) Perylene-d12	15.28	264	335582	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1573867	137.34	ng		0.01
7) Phenol-d6	6.39	99	1798036	124.42	ng		0.01
23) Nitrobenzene-d5	7.30	82	1368198	95.85	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	335526	138.47	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1834752	91.76	ng		0.00
78) Terphenyl-d14	12.82	244	1416895	91.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	252891	40.06	ng	#	85
3) Pyridine	2.94	79	664037	41.26	ng		90
4) n-Nitrosodimethylamine	2.90	42	403421	52.48	ng		82
6) Aniline	6.39	93	445389	22.46	ng	#	69
8) 2-Chlorophenol	6.52	128	577977	45.01	ng		98
9) Benzaldehyde	6.29	77	101985	8.44	ng		92
10) Phenol	6.40	94	953585	53.85	ng		84
11) bis(2-Chloroethyl)ether	6.47	93	630916	44.08	ng		98
12) 1,3-Dichlorobenzene	6.65	146	615870	41.91	ng	#	89
13) 1,4-Dichlorobenzene	6.73	146	637439	42.36	ng		100
14) 1,2-Dichlorobenzene	6.89	146	544865	40.89	ng		97
15) Benzyl Alcohol	6.88	79	517250	50.21	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1002526	42.17	ng	#	44
17) 2-Methylphenol	7.01	107	496589	45.72	ng	#	88
18) Hexachloroethane	7.22	117	226174	44.57	ng		97
19) n-Nitroso-di-n-propylamine	7.16	70	499253	50.25	ng		95
20) 3+4-Methylphenols	7.17	107	709651	50.38	ng	#	72
22) Acetophenone	7.14	105	834715	43.80	ng	#	99
24) Nitrobenzene	7.32	77	705706	43.99	ng		98
25) Isophorone	7.56	82	1277353	44.38	ng		94
26) 2-Nitrophenol	7.64	139	340552	46.53	ng		99
27) 2,4-Dimethylphenol	7.68	122	508672	42.72	ng		99
28) bis(2-Chloroethoxy)methane	7.77	93	825740	45.44	ng		100
29) 2,4-Dichlorophenol	7.89	162	542768	48.45	ng		90
30) 1,2,4-Trichlorobenzene	7.96	180	516977	43.40	ng		98
31) Naphthalene	8.02	128	1599731	40.31	ng		99
33) 4-Chloroaniline	8.09	127	338929	21.04	ng	#	90
34) Hexachlorobutadiene	8.14	225	255452	41.63	ng		98
35) Caprolactam	8.48	113	194133m	50.74	ng		
36) 4-Chloro-3-methylphenol	8.61	107	577777	48.32	ng		93
37) 2-Methylnaphthalene	8.72	142	1092557	43.26	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	474563	46.73	ng		99
40) Hexachlorocyclopentadiene	8.87	237	254032	96.25	ng		97
42) 2,4,6-Trichlorophenol	9.02	196	341087	53.76	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	331289	48.66	ng		97
45) 1,1'-Biphenyl	9.18	154	1259242	46.48	ng		95
46) 2-Chloronaphthalene	9.21	162	1042684	50.28	ng		97
47) 2-Nitroaniline	9.33	65	426505	58.18	ng		87
48) Acenaphthylene	9.62	152	1607041	46.99	ng		99
49) Dimethylphthalate	9.50	163	1574147	63.85	ng		100
50) 2,6-Dinitrotoluene	9.57	165	296171	54.74	ng	#	87
51) Acenaphthene	9.80	154	969572	47.94	ng		97
52) 3-Nitroaniline	9.74	138	204037	31.39	ng		99
53) 2,4-Dinitrophenol	9.86	184	90794	36.85	ng	#	57
54) Dibenzofuran	9.97	168	1389960	54.91	ng		98
55) 4-Nitrophenol	9.94	139	245906m	77.89	ng		
56) 2,4-Dinitrotoluene	9.98	165	363403	54.68	ng		93
57) Fluorene	10.31	166	1050158	48.96	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.09	232	246491	51.30	ng	#	97
59) Diethylphthalate	10.20	149	1202208	51.02	ng		95
60) 4-Chlorophenyl-phenylether	10.30	204	466639	48.53	ng		88
61) 4-Nitroaniline	10.36	138	278271	41.86	ng		94
62) Azobenzene	10.46	77	1486877	55.53	ng		96
64) 4,6-Dinitro-2-methylphenol	10.39	198	178664	43.13	ng	#	54
65) n-Nitrosodiphenylamine	10.42	169	902616	42.28	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	280995	41.56	ng	#	82
67) Hexachlorobenzene	10.86	284	268999	41.67	ng		97
68) Atrazine	10.96	200	314952	50.40	ng		96
69) Pentachlorophenol	11.06	266	194816	87.40	ng		98
70) Phenanthrene	11.27	178	1595645	43.72	ng		99
71) Anthracene	11.32	178	1473791	39.92	ng		99
72) Carbazole	11.49	167	1440666	41.54	ng		99
73) Di-n-butylphthalate	11.81	149	1803144	44.94	ng	#	97
74) Fluoranthene	12.46	202	1508205	42.79	ng		93
76) Benzidine	12.58	184	361659	27.34	ng		96
77) Pyrene	12.68	202	1473077	50.36	ng		100
79) Butylbenzylphthalate	13.29	149	655818	53.26	ng		98
80) Benzo(a)anthracene	13.87	228	1063184	44.76	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	203830	24.50	ng		99
82) Chrysene	13.91	228	1016801	46.27	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	894863	52.14	ng	#	98
84) Di-n-octyl phthalate	14.46	149	1285977	44.95	ng		96
85) Indeno(1,2,3-cd)pyrene	16.63	276	876166	47.63	ng	#	93
87) Benzo(b)fluoranthene	14.88	252	1105462m	54.09	ng		
88) Benzo(k)fluoranthene	14.92	252	589958m	29.93	ng		
89) Benzo(a)pyrene	15.23	252	815053	43.64	ng		99
90) Dibenzo(a,h)anthracene	16.62	278	744393	48.17	ng	#	94
91) Benzo(g,h,i)perylene	17.02	276	792221	49.95	ng	#	90

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

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