Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094698.D
Acq On : 28 Apr 2017 21:53
Operator : SJ/MA
Sample : I2873-02MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-9-COMPMSD

Manual Integrations APPROVED
mohammad
5/1/2017 6:36:23 PM

Quant Time: Apr 29 02:55:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	108443	20.00	ng		0.00
21) Naphthalene-d8	7.27	136	419016	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	174897	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	274799	20.00	ng		0.00
75) Chrysene-d12	14.48	240	208678	20.00	ng		0.00
86) Perylene-d12	16.10	264	166941	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.34	112	763468	116.80	ng		0.03
7) Phenol-d6	5.41	99	903910	117.30	ng		0.01
23) Nitrobenzene-d5	6.42	82	555971	81.93	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	157353	115.02	ng		0.00
44) 2-Fluorobiphenyl	8.58	172	947225	79.69	ng		0.00
78) Terphenyl-d14	13.20	244	651058	83.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	102114	26.86	ng		95
3) Pyridine	2.68	79	266204	32.04	ng		99
4) n-Nitrosodimethylamine	2.63	42	126420	36.77	ng		89
6) Aniline	5.41	93	222542	21.73	ng	#	69
8) 2-Chlorophenol	5.55	128	291261	39.16	ng		94
9) Benzaldehyde	5.28	77	74333	12.68	ng		99
10) Phenol	5.42	94	366600	38.73	ng		92
11) bis(2-Chloroethyl)ether	5.48	93	269696	39.00	ng		97
12) 1,3-Dichlorobenzene	5.71	146	310937	37.73	ng		99
13) 1,4-Dichlorobenzene	5.79	146	322669	38.92	ng		94
14) 1,2-Dichlorobenzene	5.97	146	291865	38.22	ng		97
15) Benzyl Alcohol	5.95	79	219433	38.39	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.10	45	347638	38.34	ng	#	44
17) 2-Methylphenol	6.10	107	231445	39.51	ng	#	92
18) Hexachloroethane	6.35	117	90863	31.97	ng	#	82
19) n-Nitroso-di-n-propylamine	6.26	70	201973	39.56	ng		96
20) 3+4-Methylphenols	6.28	107	324486	40.76	ng	#	61
22) Acetophenone	6.25	105	409975	40.24	ng	#	84
24) Nitrobenzene	6.44	77	285838	40.00	ng		94
25) Isophorone	6.73	82	508985	40.46	ng		96
26) 2-Nitrophenol	6.82	139	142697	37.17	ng		97
27) 2,4-Dimethylphenol	6.90	122	251190	40.28	ng		97
28) bis(2-Chloroethoxy)methane	6.99	93	328842	40.41	ng		99
29) 2,4-Dichlorophenol	7.12	162	238653	41.14	ng		98
30) 1,2,4-Trichlorobenzene	7.20	180	234432	39.09	ng		98
31) Naphthalene	7.29	128	804187	39.92	ng		99
32) Benzoic acid	7.02	122	12269	3.72	ng		90
33) 4-Chloroaniline	7.37	127	70486	8.41	ng	#	90
34) Hexachlorobutadiene	7.44	225	120182	40.19	ng		98
35) Caprolactam	7.82	113	69512m	38.14	ng		
36) 4-Chloro-3-methylphenol	8.00	107	241209	39.68	ng		86
37) 2-Methylnaphthalene	8.13	142	543071	39.41	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	210583	42.28	ng		99
40) Hexachlorocyclopentadiene	8.32	237	52919	26.27	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.50	196	151505	43.32	ng		94
43) 2,4,5-Trichlorophenol	8.55	196	150833	42.00	ng		94
45) 1,1'-Biphenyl	8.70	154	605807	42.39	ng		98
46) 2-Chloronaphthalene	8.72	162	466198	41.03	ng		95
47) 2-Nitroaniline	8.87	65	137620	42.10	ng	#	80
48) Acenaphthylene	9.22	152	716588	40.46	ng		99
49) Dimethylphthalate	9.10	163	607514	46.61	ng		99
50) 2,6-Dinitrotoluene	9.17	165	114155	39.02	ng	#	89
51) Acenaphthene	9.44	154	427281	40.28	ng		99
52) 3-Nitroaniline	9.37	138	89846	26.54	ng		90
53) 2,4-Dinitrophenol	9.52	184	12081	12.82	ng	#	71
54) Dibenzofuran	9.65	168	624424	40.50	ng		96
55) 4-Nitrophenol	9.64	139	124649m	52.13	ng		
56) 2,4-Dinitrotoluene	9.67	165	138315	38.53	ng	#	83
57) Fluorene	10.08	166	475173	39.57	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.82	232	103714	40.29	ng		97
59) Diethylphthalate	9.97	149	519171	42.22	ng		98
60) 4-Chlorophenyl-phenylether	10.08	204	208134	41.65	ng		91
61) 4-Nitroaniline	10.12	138	109527	31.83	ng		95
62) Azobenzene	10.28	77	462627	38.74	ng		94
64) 4,6-Dinitro-2-methylphenol	10.17	198	23214	12.89	ng	#	72
65) n-Nitrosodiphenylamine	10.24	169	426735	44.65	ng		100
66) 4-Bromophenyl-phenylether	10.68	248	119271	43.71	ng		98
67) Hexachlorobenzene	10.75	284	117326	42.67	ng	#	90
68) Atrazine	10.91	200	119954	41.96	ng		98
69) Pentachlorophenol	11.01	266	96372	88.26	ng		96
70) Phenanthrene	11.25	178	733640	47.41	ng		98
71) Anthracene	11.32	178	666397	41.63	ng		98
72) Carbazole	11.52	167	596726	39.72	ng		98
73) Di-n-butylphthalate	11.97	149	762090	46.07	ng		99
74) Fluoranthene	12.71	202	761355	47.47	ng		98
76) Benzidine	12.90	184	303401	35.91	ng	#	93
77) Pyrene	12.99	202	753315	51.67	ng		99
79) Butylbenzylphthalate	13.81	149	289872	45.37	ng	#	87
80) Benzo(a)anthracene	14.47	228	550676	45.40	ng		98
81) 3,3'-Dichlorobenzidine	14.44	252	149313	34.78	ng	#	95
82) Chrysene	14.51	228	492646	44.44	ng		98
83) Bis(2-ethylhexyl)phthalate	14.52	149	407402	47.49	ng	#	100
84) Di-n-octyl phthalate	15.28	149	661644	45.98	ng		97
85) Indeno(1,2,3-cd)pyrene	17.39	276	396247	37.57	ng		99
87) Benzo(b)fluoranthene	15.71	252	490471	48.03	ng		99
88) Benzo(k)fluoranthene	15.73	252	397846	41.17	ng		97
89) Benzo(a)pyrene	16.05	252	418679	44.07	ng		99
90) Dibenzo(a,h)anthracene	17.41	278	322624	40.90	ng		99
91) Benzo(g,h,i)perylene	17.77	276	330237	41.12	ng		96

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

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