Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
Data File : BF094090.D
Acq On : 31 Mar 2017 12:15
Operator : SJ/MA
Sample : I2384-03MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-B42-B51-001MSD

Manual Integrations APPROVED

Quant Time: Mar 31 14:47:37 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
1) 1,4-Dichlorobenzene-d4	5.90	152	195734	20.00	ng		0.00	
21) Naphthalene-d8	7.40	136	772524	20.00	ng		0.00	
38) Acenaphthene-d10	9.55	164	346067	20.00	ng		0.00	
63) Phenanthrene-d10	11.37	188	589704	20.00	ng		0.00	
75) Chrysene-d12	14.63	240	426881	20.00	ng		0.00	
86) Perylene-d12	16.25	264	202432	20.00	ng		0.00	mohammad
System Monitoring Compounds								
5) 2-Fluorophenol	4.46	112	1368990	118.13	ng		0.03	
7) Phenol-d6	5.52	99	1674011	116.77	ng		0.00	
23) Nitrobenzene-d5	6.56	82	1156940	85.47	ng		0.00	3/31/2017 4:31:51 PM
41) 2,4,6-Tribromophenol	10.53	330	388864	142.20	ng		0.00	
44) 2-Fluorobiphenyl	8.73	172	2087785	92.02	ng		0.00	
78) Terphenyl-d14	13.35	244	1643712	86.31	ng		0.00	
Target Compounds							Qvalue	
2) 1,4-Dioxane	2.45	88	206135	37.02	ng	#	81	
3) Pyridine	2.88	79	486978	32.09	ng		99	
4) n-Nitrosodimethylamine	2.82	42	265073	42.46	ng		95	
6) Aniline	5.53	93	99633	5.00	ng	#	1	
8) 2-Chlorophenol	5.67	128	558270	43.83	ng		98	
9) Benzaldehyde	5.39	77	35826	3.70	ng		96	
10) Phenol	5.53	94	596651	36.57	ng		92	
11) bis(2-Chloroethyl)ether	5.61	93	566665	44.45	ng		97	
12) 1,3-Dichlorobenzene	5.83	146	578226	40.47	ng		99	
13) 1,4-Dichlorobenzene	5.92	146	597327	41.28	ng		97	
14) 1,2-Dichlorobenzene	6.10	146	628454	47.16	ng		97	
15) Benzyl Alcohol	6.07	79	391890	37.35	ng		99	
16) 2,2'-oxybis(1-Chloropropan	6.23	45	785344	39.98	ng		94	
17) 2-Methylphenol	6.22	107	473732	43.43	ng		95	
18) Hexachloroethane	6.49	117	207308	40.76	ng		88	
19) n-Nitroso-di-n-propylamine	6.39	70	396945	43.08	ng		95	
20) 3+4-Methylphenols	6.40	107	598618	45.31	ng	#	64	
22) Acetophenone	6.37	105	812038	47.16	ng	#	86	
24) Nitrobenzene	6.57	77	587433	44.00	ng		94	
25) Isophorone	6.86	82	1063270	44.70	ng		96	
26) 2-Nitrophenol	6.95	139	320421	50.33	ng		97	
27) 2,4-Dimethylphenol	7.02	122	531446	48.44	ng		98	
28) bis(2-Chloroethoxy)methane	7.12	93	657731	41.93	ng		99	
29) 2,4-Dichlorophenol	7.25	162	496968	48.45	ng		99	
30) 1,2,4-Trichlorobenzene	7.34	180	479661	45.40	ng		99	
31) Naphthalene	7.43	128	2439239	65.67	ng		99	
32) Benzoic acid	7.18	122	303720	41.59	ng		88	
33) 4-Chloroaniline	7.50	127	58424	3.88	ng	#	93	
34) Hexachlorobutadiene	7.59	225	239987	44.30	ng		97	
35) Caprolactam	7.96	113	136069m	41.60	ng			
36) 4-Chloro-3-methylphenol	8.12	107	510394	47.62	ng		88	
37) 2-Methylnaphthalene	8.27	142	1319547	53.29	ng		99	
39) 1,2,4,5-Tetrachlorobenzene	8.48	216	421417	44.51	ng		99	
40) Hexachlorocyclopentadiene	8.47	237	368108	83.09	ng		99	

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
42) 2,4,6-Trichlorophenol	8.63	196	335189	50.04	ng		99	
43) 2,4,5-Trichlorophenol	8.69	196	327008	45.12	ng		95	
45) 1,1'-Biphenyl	8.85	154	1263736	45.27	ng		98	
46) 2-Chloronaphthalene	8.87	162	990984	45.35	ng		95	
47) 2-Nitroaniline	9.00	65	288192	44.46	ng	#	84	
48) Acenaphthylene	9.37	152	1560293	42.97	ng		99	mohammad
49) Dimethylphthalate	9.24	163	1170414	47.58	ng		100	
50) 2,6-Dinitrotoluene	9.30	165	266837	47.32	ng		90	
51) Acenaphthene	9.59	154	946790	44.68	ng		98	
52) 3-Nitroaniline	9.50	138	49291	7.44	ng		92	
53) 2,4-Dinitrophenol	9.64	184	213556	71.31	ng	#	70	3/31/2017 4:31:51 PM
54) Dibenzofuran	9.80	168	1357202	47.05	ng		99	
55) 4-Nitrophenol	9.75	139	374814	72.28	ng	#	67	
56) 2,4-Dinitrotoluene	9.80	165	325594	45.96	ng	#	67	
57) Fluorene	10.22	166	1023863	42.80	ng		99	
58) 2,3,4,6-Tetrachlorophenol	9.96	232	250094	50.29	ng		97	
59) Diethylphthalate	10.11	149	1129055	46.44	ng		99	
60) 4-Chlorophenyl-phenylether	10.23	204	437081	42.89	ng		94	
61) 4-Nitroaniline	10.26	138	180075	28.34	ng		92	
62) Azobenzene	10.43	77	1045585	45.46	ng		94	
64) 4,6-Dinitro-2-methylphenol	10.30	198	160771	44.52	ng	#	63	
65) n-Nitrosodiphenylamine	10.38	169	612256	30.02	ng		97	
66) 4-Bromophenyl-phenylether	10.83	248	276020	47.59	ng		95	
67) Hexachlorobenzene	10.90	284	283484	48.28	ng	#	93	
68) Atrazine	11.05	200	87313	14.29	ng		96	
69) Pentachlorophenol	11.15	266	288022	78.82	ng		99	
70) Phenanthrene	11.40	178	1496769	45.63	ng		100	
71) Anthracene	11.47	178	1527106	45.21	ng		98	
72) Carbazole	11.66	167	855071	24.69	ng		98	
73) Di-n-butylphthalate	12.12	149	1716015	47.64	ng		99	
74) Fluoranthene	12.87	202	1506864	44.86	ng		99	
77) Pyrene	13.14	202	1482631	47.86	ng		99	
79) Butylbenzylphthalate	13.96	149	701094	53.11	ng	#	84	
80) Benzo(a)anthracene	14.62	228	1150319	46.21	ng		98	
81) 3,3'-Dichlorobenzidine	14.59	252	33789	3.80	ng	#	94	
82) Chrysene	14.66	228	1006840	43.59	ng		99	
83) Bis(2-ethylhexyl)phthalate	14.67	149	946202	52.54	ng	#	98	
84) Di-n-octyl phthalate	15.43	149	1524169	50.66	ng		98	
85) Indeno(1,2,3-cd)pyrene	17.61	276	858784	42.93	ng		100	
87) Benzo(b)fluoranthene	15.84	252	893956	72.04	ng		98	
88) Benzo(k)fluoranthene	15.88	252	787054m	64.83	ng			
89) Benzo(a)pyrene	16.20	252	749519	65.59	ng		100	
90) Dibenzo(a,h)anthracene	17.63	278	732062	75.65	ng		97	
91) Benzo(g,h,i)perylene	18.00	276	706353	72.43	ng		98	

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

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