Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
Data File : BF093968.D
Acq On : 28 Mar 2017 3:21
Operator : SJ/MA
Sample : I2384-03MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

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

Manual Integrations APPROVED

Quant Time: Mar 28 06:50:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
1) 1,4-Dichlorobenzene-d4	5.94	152	166399	20.00	ng		-0.01	
21) Naphthalene-d8	7.45	136	666307	20.00	ng		-0.01	
38) Acenaphthene-d10	9.59	164	315743	20.00	ng		0.00	
63) Phenanthrene-d10	11.42	188	570439	20.00	ng		0.00	
75) Chrysene-d12	14.67	240	447419	20.00	ng		-0.01	
86) Perylene-d12	16.30	264	268409	20.00	ng		-0.01	mohammad
System Monitoring Compounds								
5) 2-Fluorophenol	4.49	112	1181930	119.97	ng		0.02	
7) Phenol-d6	5.55	99	1475049	121.03	ng		0.00	
23) Nitrobenzene-d5	6.59	82	1005797	86.15	ng		-0.01	3/28/2017 3:43:26 PM
41) 2,4,6-Tribromophenol	10.57	330	364291	146.01	ng		0.00	
44) 2-Fluorobiphenyl	8.77	172	1825690	88.19	ng		0.00	
78) Terphenyl-d14	13.39	244	1602524	80.28	ng		-0.01	
Target Compounds							Qvalue	
2) 1,4-Dioxane	2.45	88	174922	36.96	ng	#	82	
3) Pyridine	2.89	79	460923	35.73	ng		99	
4) n-Nitrosodimethylamine	2.84	42	221336	41.70	ng		89	
6) Aniline	5.56	93	100224	5.91	ng	#	1	
8) 2-Chlorophenol	5.70	128	486290	44.91	ng		100	
9) Benzaldehyde	5.43	77	74195	9.02	ng		97	
10) Phenol	5.56	94	529226	38.16	ng		90	
11) bis(2-Chloroethyl)ether	5.65	93	470726	43.43	ng		99	
12) 1,3-Dichlorobenzene	5.87	146	484847	39.92	ng		100	
13) 1,4-Dichlorobenzene	5.96	146	501030	40.73	ng		98	
14) 1,2-Dichlorobenzene	6.14	146	537316	47.43	ng		95	
15) Benzyl Alcohol	6.10	79	354598	39.75	ng		99	
16) 2,2'-oxybis(1-Chloropropan	6.27	45	689626	41.29	ng		96	
17) 2-Methylphenol	6.25	107	414348	44.68	ng		96	
18) Hexachloroethane	6.53	117	174736	40.41	ng	#	82	
19) n-Nitroso-di-n-propylamine	6.43	70	342661	43.75	ng		97	
20) 3+4-Methylphenols	6.43	107	514026	45.76	ng	#	68	
22) Acetophenone	6.42	105	693503	46.70	ng	#	89	
24) Nitrobenzene	6.62	77	509667	44.26	ng		91	
25) Isophorone	6.90	82	944125	46.02	ng		95	
26) 2-Nitrophenol	6.99	139	277147	50.47	ng		96	
27) 2,4-Dimethylphenol	7.06	122	472091	49.89	ng		97	
28) bis(2-Chloroethoxy)methane	7.16	93	578932	42.79	ng		98	
29) 2,4-Dichlorophenol	7.29	162	438454	49.56	ng		100	
30) 1,2,4-Trichlorobenzene	7.38	180	406859	44.65	ng		98	
31) Naphthalene	7.47	128	2114780	66.01	ng		100	
32) Benzoic acid	7.22	122	324971	51.59	ng		89	
33) 4-Chloroaniline	7.55	127	36170	2.79	ng		95	
34) Hexachlorobutadiene	7.63	225	202754	43.39	ng		98	
35) Caprolactam	7.99	113	131265m	46.53	ng			
36) 4-Chloro-3-methylphenol	8.16	107	465247	50.33	ng		90	
37) 2-Methylnaphthalene	8.32	142	1156475	54.15	ng		99	
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	361609	41.86	ng		99	
40) Hexachlorocyclopentadiene	8.52	237	358285	88.64	ng		99	

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
42) 2,4,6-Trichlorophenol	8.67	196	301782	49.38	ng		95	
43) 2,4,5-Trichlorophenol	8.72	196	307233	46.46	ng		96	
45) 1,1'-Biphenyl	8.89	154	1125324	44.19	ng		98	
46) 2-Chloronaphthalene	8.91	162	891342	44.71	ng		95	
47) 2-Nitroaniline	9.04	65	266891	45.13	ng	#	85	
48) Acenaphthylene	9.42	152	1420511	42.87	ng		99	mohammad
49) Dimethylphthalate	9.28	163	1085311	48.36	ng		99	
50) 2,6-Dinitrotoluene	9.35	165	248506	48.30	ng		92	
51) Acenaphthene	9.63	154	864971	44.74	ng		99	
52) 3-Nitroaniline	9.54	138	36347	6.02	ng		88	
53) 2,4-Dinitrophenol	9.68	184	278176	99.81	ng	#	71	3/28/2017 3:43:26 PM
54) Dibenzofuran	9.85	168	1244320	47.28	ng		100	
55) 4-Nitrophenol	9.78	139	395589	83.61	ng	#	70	
56) 2,4-Dinitrotoluene	9.84	165	314978	48.74	ng	#	73	
57) Fluorene	10.27	166	938744	43.01	ng		100	
58) 2,3,4,6-Tetrachlorophenol	10.00	232	238516	52.57	ng		97	
59) Diethylphthalate	10.15	149	1053811	47.50	ng		100	
60) 4-Chlorophenyl-phenylether	10.27	204	395560	42.54	ng		90	
61) 4-Nitroaniline	10.30	138	175767	30.32	ng		95	
62) Azobenzene	10.47	77	996748	47.50	ng		96	
64) 4,6-Dinitro-2-methylphenol	10.34	198	185499	53.10	ng	#	76	
65) n-Nitrosodiphenylamine	10.42	169	610798	30.96	ng		97	
66) 4-Bromophenyl-phenylether	10.87	248	254988	45.45	ng		94	
67) Hexachlorobenzene	10.94	284	264475	46.57	ng	#	92	
68) Atrazine	11.09	200	111243	18.83	ng		94	
69) Pentachlorophenol	11.19	266	307354	86.95	ng		99	
70) Phenanthrene	11.44	178	1428469	45.02	ng		100	
71) Anthracene	11.51	178	1466197	44.88	ng		99	
72) Carbazole	11.71	167	886018	26.45	ng		98	
73) Di-n-butylphthalate	12.16	149	1636478	46.97	ng		99	
74) Fluoranthene	12.91	202	1477793	45.48	ng		99	
77) Pyrene	13.19	202	1477186	45.49	ng		99	
79) Butylbenzylphthalate	14.00	149	703018	50.81	ng	#	84	
80) Benzo(a)anthracene	14.66	228	1205542	46.21	ng		99	
82) Chrysene	14.70	228	1036811	42.82	ng		98	
83) Bis(2-ethylhexyl)phthalate	14.72	149	921886	48.84	ng	#	99	
84) Di-n-octyl phthalate	15.47	149	1595705	50.60	ng		97	
85) Indeno(1,2,3-cd)pyrene	17.67	276	844652	40.28	ng		99	
87) Benzo(b)fluoranthene	15.89	252	1013200	61.58	ng		99	
88) Benzo(k)fluoranthene	15.92	252	926133	57.53	ng		96	
89) Benzo(a)pyrene	16.24	252	846726	55.89	ng		97	
90) Dibenzo(a,h)anthracene	17.70	278	716390	55.83	ng		99	
91) Benzo(g,h,i)perylene	18.08	276	681548	52.71	ng		97	

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

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