Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
Data File : BF093557.D
Acq On : 11 Mar 2017 7:39
Operator : SJ/MA
Sample : I2195-05MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMSD

Manual Integrations APPROVED
mohammad
3/13/2017 5:50:43 PM

Quant Time: Mar 13 14:15:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	181681	20.00	ng		-0.02
21) Naphthalene-d8	8.02	136	720110	20.00	ng		-0.03
38) Acenaphthene-d10	9.77	164	339758	20.00	ng		-0.03
63) Phenanthrene-d10	11.26	188	646360	20.00	ng		-0.02
75) Chrysene-d12	13.91	240	469486	20.00	ng		-0.01
86) Perylene-d12	15.31	264	363319	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1496671	137.11	ng		0.01
7) Phenol-d6	6.41	99	1681676	122.16	ng		0.00
23) Nitrobenzene-d5	7.32	82	1297852	100.00	ng		-0.02
41) 2,4,6-Tribromophenol	10.57	330	322570	145.72	ng		-0.02
44) 2-Fluorobiphenyl	9.10	172	1900336	104.04	ng		-0.03
78) Terphenyl-d14	12.85	244	1688437	93.50	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	223623	37.19	ng	#	71
3) Pyridine	3.10	79	469745m	30.64	ng		
4) n-Nitrosodimethylamine	3.02	42	346204	47.28	ng		78
6) Aniline	6.44	93	105387	5.58	ng	#	26
8) 2-Chlorophenol	6.54	128	547554	44.77	ng		96
9) Benzaldehyde	6.30	77	309914	34.99	ng		94
10) Phenol	6.42	94	742967	44.05	ng	#	77
11) bis(2-Chloroethyl)ether	6.48	93	629439	46.17	ng		89
12) 1,3-Dichlorobenzene	6.68	146	608997m	43.50	ng		
13) 1,4-Dichlorobenzene	6.76	146	625637	43.65	ng		98
14) 1,2-Dichlorobenzene	6.92	146	546403	43.05	ng		96
15) Benzyl Alcohol	6.90	79	465715	47.46	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.03	45	1004623	44.36	ng		58
17) 2-Methylphenol	7.03	107	478640	46.27	ng	#	82
18) Hexachloroethane	7.25	117	223163	46.17	ng		98
19) n-Nitroso-di-n-propylamine	7.17	70	438050	46.29	ng		93
20) 3+4-Methylphenols	7.20	107	677555	50.50	ng	#	72
22) Acetophenone	7.17	105	840595	48.51	ng	#	95
24) Nitrobenzene	7.34	77	712921	48.87	ng		99
25) Isophorone	7.58	82	1258183	48.07	ng		97
26) 2-Nitrophenol	7.66	139	319353	47.99	ng		93
27) 2,4-Dimethylphenol	7.70	122	482978	44.61	ng		99
28) bis(2-Chloroethoxy)methane	7.78	93	736814	44.60	ng		99
29) 2,4-Dichlorophenol	7.91	162	526820	51.73	ng		87
30) 1,2,4-Trichlorobenzene	7.97	180	474976	43.85	ng	#	96
31) Naphthalene	8.05	128	1528145	42.35	ng		99
32) Benzoic acid	7.88	122	249265	44.31	ng		96
33) 4-Chloroaniline	8.14	127	57304	3.91	ng		95
34) Hexachlorobutadiene	8.16	225	259151	46.45	ng		99
35) Caprolactam	8.49	113	141592m	40.71	ng		
36) 4-Chloro-3-methylphenol	8.62	107	511789	47.08	ng		92
37) 2-Methylnaphthalene	8.74	142	1078167	46.96	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	453834	48.92	ng		99
40) Hexachlorocyclopentadiene	8.88	237	284960	115.42	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	309231	53.35	ng		92
43) 2,4,5-Trichlorophenol	9.09	196	305149	49.06	ng		95
45) 1,1'-Biphenyl	9.20	154	1190821	48.11	ng		97
46) 2-Chloronaphthalene	9.22	162	994544	52.50	ng		94
47) 2-Nitroaniline	9.34	65	347141	51.83	ng		88
48) Acenaphthylene	9.64	152	1555733	49.79	ng		99
49) Dimethylphthalate	9.51	163	1158577	51.44	ng		98
50) 2,6-Dinitrotoluene	9.59	165	258264	52.25	ng	#	78
51) Acenaphthene	9.81	154	893594	48.36	ng		96
52) 3-Nitroaniline	9.77	138	39242	6.61	ng	#	92
53) 2,4-Dinitrophenol	9.89	184	196630	87.36	ng	#	79
54) Dibenzofuran	9.99	168	1358135	58.73	ng		96
55) 4-Nitrophenol	9.97	139	163713m	56.76	ng		
56) 2,4-Dinitrotoluene	10.00	165	350886	57.79	ng	#	72
57) Fluorene	10.33	166	1070793	54.64	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	259145	59.04	ng	#	97
59) Diethylphthalate	10.21	149	1136478	52.79	ng		99
60) 4-Chlorophenyl-phenylether	10.32	204	501888	57.14	ng	#	80
61) 4-Nitroaniline	10.38	138	236231	38.90	ng		97
62) Azobenzene	10.48	77	1563515	63.92	ng		94
64) 4,6-Dinitro-2-methylphenol	10.41	198	167833	40.08	ng	#	74
65) n-Nitrosodiphenylamine	10.45	169	900229	41.71	ng		100
66) 4-Bromophenyl-phenylether	10.80	248	282392	41.32	ng	#	90
67) Hexachlorobenzene	10.88	284	281668	43.16	ng	#	92
68) Atrazine	10.97	200	226211	35.81	ng		99
69) Pentachlorophenol	11.09	266	186388	82.72	ng		98
70) Phenanthrene	11.29	178	1626183	44.08	ng		98
71) Anthracene	11.34	178	1547275	41.46	ng		99
72) Carbazole	11.51	167	1416148	40.39	ng		97
73) Di-n-butylphthalate	11.82	149	1844694	45.48	ng		99
74) Fluoranthene	12.47	202	1605474	45.05	ng		96
77) Pyrene	12.70	202	1606638	47.05	ng		100
79) Butylbenzylphthalate	13.32	149	772408	53.74	ng		99
80) Benzo(a)anthracene	13.90	228	1347067	48.59	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	51346	5.29	ng		95
82) Chrysene	13.93	228	1312298	51.16	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	1152648	57.53	ng	#	97
84) Di-n-octyl phthalate	14.48	149	1736336	52.00	ng		96
85) Indeno(1,2,3-cd)pyrene	16.68	276	947477	44.13	ng	#	94
87) Benzo(b)fluoranthene	14.92	252	1157274m	52.30	ng		
88) Benzo(k)fluoranthene	14.94	252	1022272m	47.91	ng		
89) Benzo(a)pyrene	15.26	252	1020497	50.46	ng		96
90) Dibenzo(a,h)anthracene	16.67	278	811347	48.50	ng	#	94
91) Benzo(g,h,i)perylene	17.08	276	814442	47.43	ng	#	93

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

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