Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
Data File : BF097528.D
Acq On : 9 Aug 2017 21:06
Operator : SJ/JU
Sample : I4658-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-L9-SSWMS

Manual Integrations APPROVED
Sohil
8/10/2017 6:07:38 PM

Quant Time: Aug 10 13:25:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	107092	20.00	ng		-0.01
21) Naphthalene-d8	7.68	136	430531	20.00	ng		-0.02
38) Acenaphthene-d10	9.43	164	179915	20.00	ng		-0.01
63) Phenanthrene-d10	10.90	188	310332	20.00	ng		-0.02
75) Chrysene-d12	13.53	240	152955	20.00	ng		-0.01
86) Perylene-d12	14.86	264	163534	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.99	112	688425	96.91	ng		-0.01
7) Phenol-d6	6.07	99	783584	96.62	ng		-0.01
23) Nitrobenzene-d5	6.97	82	431538	58.80	ng		-0.02
41) 2,4,6-Tribromophenol	10.22	330	142868	100.50	ng		-0.02
44) 2-Fluorobiphenyl	8.76	172	699637	66.00	ng		-0.01
78) Terphenyl-d14	12.48	244	468233	62.41	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.90	88	87706	29.585	ng	#	72
3) Pyridine	2.50	79	251050	27.655	ng	#	67
4) n-Nitrosodimethylamine	2.46	42	164276	32.665	ng		80
6) Aniline	6.06	93	292253	28.637	ng		93
8) 2-Chlorophenol	6.19	128	246725	32.480	ng		92
9) Benzaldehyde	5.95	77	102375	21.326	ng		93
10) Phenol	6.09	94	331106	34.419	ng		96
11) bis(2-Chloroethyl)ether	6.15	93	262608	34.516	ng		89
12) 1,3-Dichlorobenzene	6.33	146	243911	29.796	ng		98
13) 1,4-Dichlorobenzene	6.42	146	257305	31.717	ng		96
14) 1,2-Dichlorobenzene	6.57	146	218073	30.786	ng		97
15) Benzyl Alcohol	6.57	79	207771	40.464	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.69	45	497507	32.602	ng		88
17) 2-Methylphenol	6.69	107	200982	34.282	ng	#	87
18) Hexachloroethane	6.90	117	87323	29.422	ng	#	77
19) n-Nitroso-di-n-propylamine	6.83	70	181845	34.064	ng	#	81
20) 3+4-Methylphenols	6.85	107	274758	35.883	ng	#	59
22) Acetophenone	6.82	105	336679	32.564	ng	#	98
24) Nitrobenzene	6.99	77	235964	30.872	ng		95
25) Isophorone	7.23	82	437857	30.465	ng		98
26) 2-Nitrophenol	7.31	139	128299	31.026	ng	#	85
27) 2,4-Dimethylphenol	7.37	122	211465	31.000	ng		98
28) bis(2-Chloroethoxy)methane	7.45	93	301232	32.117	ng		99
29) 2,4-Dichlorophenol	7.57	162	202746	34.501	ng		95
30) 1,2,4-Trichlorobenzene	7.63	180	183833	32.820	ng		97
31) Naphthalene	7.70	128	649830	32.020	ng		100
32) Benzoic acid	7.52	122	30200	5.929	ng	#	71
33) 4-Chloroaniline	7.77	127	245715	29.755	ng		98
34) Hexachlorobutadiene	7.83	225	92272	31.073	ng		99
35) Caprolactam	8.15	113	70554m	37.442	ng		
36) 4-Chloro-3-methylphenol	8.28	107	216652	33.793	ng		86
37) 2-Methylnaphthalene	8.39	142	439166	34.177	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	162043	33.755	ng		99
40) Hexachlorocyclopentadiene	8.55	237	41822	29.452	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.69	196	109603	31.505	ng		98
43) 2,4,5-Trichlorophenol	8.75	196	107370	30.835	ng	#	95
45) 1,1'-Biphenyl	8.86	154	493885	32.139	ng		97
46) 2-Chloronaphthalene	8.88	162	380333	33.632	ng	#	93
47) 2-Nitroaniline	8.99	65	146293	35.646	ng		97
48) Acenaphthylene	9.29	152	575883	33.177	ng		99
49) Dimethylphthalate	9.17	163	572283	41.887	ng		99
50) 2,6-Dinitrotoluene	9.24	165	99261	34.255	ng	#	81
51) Acenaphthene	9.46	154	345885	33.830	ng		98
52) 3-Nitroaniline	9.40	138	109538	30.455	ng		97
53) 2,4-Dinitrophenol	9.54	184	44971	34.133	ng	#	77
54) Dibenzofuran	9.63	168	511570	37.564	ng		95
55) 4-Nitrophenol	9.62	139	54385m	25.426	ng		
56) 2,4-Dinitrotoluene	9.65	165	135334	40.627	ng	#	87
57) Fluorene	9.97	166	393787	38.472	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.73	232	66474	27.649	ng		92
59) Diethylphthalate	9.87	149	462402	36.891	ng		99
60) 4-Chlorophenyl-phenylether	9.97	204	157107	37.170	ng		99
61) 4-Nitroaniline	10.02	138	120650	35.303	ng		93
62) Azobenzene	10.13	77	485362	41.741	ng		92
64) 4,6-Dinitro-2-methylphenol	10.06	198	60568	31.409	ng		94
65) n-Nitrosodiphenylamine	10.09	169	395493	36.627	ng		99
66) 4-Bromophenyl-phenylether	10.45	248	107680	34.769	ng		92
67) Hexachlorobenzene	10.52	284	110031	31.682	ng	#	85
68) Atrazine	10.63	200	111901	36.141	ng		96
69) Pentachlorophenol	10.73	266	69182	48.144	ng		96
70) Phenanthrene	10.93	178	656331	39.472	ng		100
71) Anthracene	10.97	178	591620	34.739	ng		98
72) Carbazole	11.14	167	553341	33.037	ng		99
73) Di-n-butylphthalate	11.48	149	682766	32.978	ng		99
74) Fluoranthene	12.10	202	553495	33.979	ng		97
76) Benzidine	12.24	184	214995	37.882	ng	#	92
77) Pyrene	12.33	202	585818	46.783	ng		99
79) Butylbenzylphthalate	12.96	149	225938	35.471	ng	#	80
80) Benzo(a)anthracene	13.52	228	346392	35.000	ng		99
81) 3,3'-Dichlorobenzidine	13.49	252	108093	28.963	ng	#	97
82) Chrysene	13.55	228	339767	35.158	ng		99
83) Bis(2-ethylhexyl)phthalate	13.53	149	268627	32.301	ng		99
84) Di-n-octyl phthalate	14.13	149	493435	32.331	ng	#	77
85) Indeno(1,2,3-cd)pyrene	16.05	276	391477	47.242	ng		97
87) Benzo(b)fluoranthene	14.52	252	322956	32.853	ng		97
88) Benzo(k)fluoranthene	14.54	252	252635	26.969	ng		99
89) Benzo(a)pyrene	14.82	252	326620	36.303	ng	#	97
90) Dibenzo(a,h)anthracene	16.05	278	312831	42.401	ng	#	94
91) Benzo(g,h,i)perylene	16.40	276	358378	46.320	ng		98

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

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