Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
Data File : BF099264.D
Acq On : 9 Oct 2017 16:05
Operator : SJ/JU
Sample : I5702-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PHOENIX-RAWMS

Manual Integrations APPROVED
Sohil
10/10/2017 5:00:23 PM

Quant Time: Oct 10 10:30:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	112151	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	469436	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	223857	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	419645	20.00	ng		0.00
75) Chrysene-d12	14.03	240	321832	20.00	ng		0.00
86) Perylene-d12	15.50	264	256776	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	863896	122.62	ng		0.01
7) Phenol-d6	6.50	99	1073845	123.56	ng		0.00
23) Nitrobenzene-d5	7.43	82	639534	87.37	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	246183	134.40	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1185527	88.41	ng		0.00
78) Terphenyl-d14	12.97	244	1102824	77.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	90967	27.030	ng		95
4) n-Nitrosodimethylamine	3.41	42	108824	28.189	ng		80
6) Aniline	6.53	93	61472	5.241	ng		100
8) 2-Chlorophenol	6.65	128	270502	33.905	ng		98
9) Benzaldehyde	6.42	77	112649	22.345	ng		93
10) Phenol	6.52	94	326181	33.559	ng		94
11) bis(2-Chloroethyl)ether	6.60	93	250259	33.120	ng		97
12) 1,3-Dichlorobenzene	6.80	146	280728	33.598	ng		98
13) 1,4-Dichlorobenzene	6.88	146	287099	33.772	ng		99
14) 1,2-Dichlorobenzene	7.03	146	268744	34.213	ng		98
15) Benzyl Alcohol	7.00	79	221282	34.707	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	362442	30.787	ng		96
17) 2-Methylphenol	7.12	107	230083	35.245	ng		97
18) Hexachloroethane	7.37	117	98940	32.379	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	172512	31.090	ng		96
20) 3+4-Methylphenols	7.27	107	277844	33.644	ng	#	81
22) Acetophenone	7.27	105	363401	31.951	ng	#	98
24) Nitrobenzene	7.45	77	273931	32.989	ng		94
25) Isophorone	7.69	82	507493	33.533	ng		98
26) 2-Nitrophenol	7.76	139	154868	38.784	ng		92
27) 2,4-Dimethylphenol	7.80	122	246900	32.741	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	320557	33.988	ng		100
29) 2,4-Dichlorophenol	8.00	162	234729	36.255	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	229672	35.468	ng		98
31) Naphthalene	8.17	128	769646	34.908	ng		100
32) Benzoic acid	7.90	122	65798	10.622	ng		96
33) 4-Chloroaniline	8.22	127	163441	17.752	ng		97
34) Hexachlorobutadiene	8.28	225	109466	32.820	ng		98
35) Caprolactam	8.59	113	63203m	30.433	ng		
36) 4-Chloro-3-methylphenol	8.70	107	252225	34.660	ng		96
37) 2-Methylnaphthalene	8.86	142	545782	38.079	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	214781	32.172	ng		99
40) Hexachlorocyclopentadiene	9.01	237	141851	46.494	ng		97
42) 2,4,6-Trichlorophenol	9.14	196	154091	32.581	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.18	196	164233	34.786	ng		96
45) 1,1'-Biphenyl	9.32	154	639549	33.242	ng		100
46) 2-Chloronaphthalene	9.35	162	510358	35.331	ng		96
47) 2-Nitroaniline	9.45	65	157115	35.521	ng		99
48) Acenaphthylene	9.77	152	792340	35.831	ng		99
49) Dimethylphthalate	9.63	163	773825	45.801	ng		99
50) 2,6-Dinitrotoluene	9.69	165	139079	37.811	ng	#	79
51) Acenaphthene	9.94	154	458483	32.731	ng		99
52) 3-Nitroaniline	9.86	138	143857	33.542	ng	#	89
53) 2,4-Dinitrophenol	9.97	184	100402	54.437	ng		95
54) Dibenzofuran	10.11	168	706548	37.883	ng		98
55) 4-Nitrophenol	10.03	139	213923	58.988	ng		89
56) 2,4-Dinitrotoluene	10.10	165	186060	38.976	ng	#	88
57) Fluorene	10.45	166	553261	36.907	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	126069	38.655	ng		97
59) Diethylphthalate	10.32	149	582438	35.279	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	240552	35.723	ng		98
61) 4-Nitroaniline	10.48	138	167506	40.483	ng		88
62) Azobenzene	10.60	77	535744	35.293	ng		91
64) 4,6-Dinitro-2-methylphenol	10.50	198	82522	32.321	ng		89
65) n-Nitrosodiphenylamine	10.56	169	501666	34.508	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	143259	34.876	ng		90
67) Hexachlorobenzene	11.00	284	149625	34.105	ng		99
68) Atrazine	11.09	200	149804	34.249	ng		99
69) Pentachlorophenol	11.20	266	142756	52.284	ng		98
70) Phenanthrene	11.42	178	818836	36.454	ng		99
71) Anthracene	11.47	178	843985	36.722	ng		99
72) Carbazole	11.62	167	819431	36.408	ng		100
73) Di-n-butylphthalate	11.95	149	913362	33.715	ng		98
74) Fluoranthene	12.60	202	857087	37.681	ng		100
77) Pyrene	12.83	202	881726	35.929	ng		99
79) Butylbenzylphthalate	13.44	149	405074	35.121	ng		97
80) Benzo(a)anthracene	14.02	228	713620	36.619	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	129286	18.097	ng		99
82) Chrysene	14.06	228	673751	36.315	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	540126	34.010	ng	#	99
84) Di-n-octyl phthalate	14.60	149	854579	33.418	ng		95
85) Indeno(1,2,3-cd)pyrene	17.00	276	483510	32.578	ng		96
87) Benzo(b)fluoranthene	15.07	252	577190	36.560	ng		98
88) Benzo(k)fluoranthene	15.10	252	568549	36.461	ng		98
89) Benzo(a)pyrene	15.44	252	528784	36.488	ng		97
90) Dibenzo(a,h)anthracene	17.01	278	399868	34.478	ng		98
91) Benzo(g,h,i)perylene	17.45	276	411667	35.909	ng		98

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

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