Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
Data File : BF097419.D
Acq On : 6 Aug 2017 4:44
Operator : SJ/JU
Sample : I4601-01MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
352-338-351-COMPMS

Manual Integrations APPROVED
Sohil
8/7/2017 6:01:09 PM

Quant Time: Aug 07 16:10:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.43	152	101153	20.00	ng		-0.07
21) Naphthalene-d8	7.71	136	355878	20.00	ng		-0.08
38) Acenaphthene-d10	9.45	164	129842	20.00	ng		-0.08
63) Phenanthrene-d10	10.92	188	207227	20.00	ng		-0.08
75) Chrysene-d12	13.54	240	149836	20.00	ng		-0.08
86) Perylene-d12	14.89	264	114045	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	385165	57.40	ng		-0.07
7) Phenol-d6	6.10	99	657050	85.77	ng		-0.06
23) Nitrobenzene-d5	7.00	82	384000	63.30	ng		-0.08
41) 2,4,6-Tribromophenol	10.24	330	42977	41.89	ng		-0.08
44) 2-Fluorobiphenyl	8.79	172	613148	80.14	ng		-0.08
78) Terphenyl-d14	12.50	244	450903	61.36	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	73927	26.401	ng	#	74
3) Pyridine	2.54	79	234733	27.376	ng	#	65
4) n-Nitrosodimethylamine	2.50	42	129740	27.313	ng	#	78
6) Aniline	6.09	93	201171	20.869	ng		97
8) 2-Chlorophenol	6.22	128	151665	21.138	ng		91
9) Benzaldehyde	5.97	77	105466	23.260	ng		95
10) Phenol	6.12	94	254118	27.967	ng		96
11) bis(2-Chloroethyl)ether	6.17	93	200452	27.893	ng		89
12) 1,3-Dichlorobenzene	6.36	146	237400	30.703	ng		98
13) 1,4-Dichlorobenzene	6.45	146	230531	30.085	ng		96
14) 1,2-Dichlorobenzene	6.60	146	200324	29.941	ng		96
15) Benzyl Alcohol	6.59	79	164243	33.865	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.72	45	437712	30.367	ng		78
17) 2-Methylphenol	6.72	107	167676	30.280	ng	#	87
18) Hexachloroethane	6.93	117	49714	17.734	ng	#	86
19) n-Nitroso-di-n-propylamine	6.86	70	158711	31.476	ng	#	81
20) 3+4-Methylphenols	6.88	107	221335	30.603	ng	#	62
22) Acetophenone	6.85	105	305290	35.722	ng	#	99
24) Nitrobenzene	7.02	77	182736	28.923	ng		93
25) Isophorone	7.26	82	374213	31.499	ng		99
26) 2-Nitrophenol	7.34	139	34479	10.087	ng		92
27) 2,4-Dimethylphenol	7.40	122	185475	32.894	ng		96
28) bis(2-Chloroethoxy)methane	7.47	93	259072	33.416	ng		98
29) 2,4-Dichlorophenol	7.60	162	102017	21.002	ng		94
30) 1,2,4-Trichlorobenzene	7.66	180	149521	32.294	ng		98
31) Naphthalene	7.73	128	553798	33.012	ng		99
33) 4-Chloroaniline	7.79	127	172961	25.339	ng		98
34) Hexachlorobutadiene	7.85	225	73934	30.121	ng		99
35) Caprolactam	8.15	113	44353	28.475	ng	#	57
36) 4-Chloro-3-methylphenol	8.30	107	151780	28.641	ng	#	85
37) 2-Methylnaphthalene	8.42	142	326172	30.709	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.59	216	124862	36.040	ng		99
42) 2,4,6-Trichlorophenol	8.72	196	14383	5.729	ng		97
43) 2,4,5-Trichlorophenol	8.78	196	26237	10.441	ng	#	94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	8.89	154	382672	34.505	ng		98
46) 2-Chloronaphthalene	8.90	162	283095	34.688	ng	#	92
47) 2-Nitroaniline	9.02	65	116367	39.289	ng		98
48) Acenaphthylene	9.31	152	427218	34.104	ng		99
49) Dimethylphthalate	9.19	163	422894	42.890	ng		99
50) 2,6-Dinitrotoluene	9.26	165	61610	29.461	ng	#	78
51) Acenaphthene	9.49	154	241429	32.720	ng		98
52) 3-Nitroaniline	9.43	138	94303	36.330	ng	#	90
54) Dibenzofuran	9.66	168	356833	36.307	ng		99
56) 2,4-Dinitrotoluene	9.67	165	70946	29.511	ng	#	82
57) Fluorene	10.00	166	253842	34.364	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.80	232	6760m	3.896	ng		
59) Diethylphthalate	9.89	149	322517	35.653	ng		99
60) 4-Chlorophenyl-phenylether	9.99	204	108223	35.479	ng		98
61) 4-Nitroaniline	10.03	138	84329	34.191	ng		95
62) Azobenzene	10.15	77	287220	34.226	ng		94
65) n-Nitrosodiphenylamine	10.12	169	241429	33.484	ng		100
66) 4-Bromophenyl-phenylether	10.47	248	64414	31.147	ng		92
67) Hexachlorobenzene	10.55	284	69997	30.183	ng	#	81
68) Atrazine	10.65	200	72436	35.035	ng		92
70) Phenanthrene	10.95	178	391903	35.296	ng		97
71) Anthracene	11.00	178	380339	33.445	ng		97
72) Carbazole	11.16	167	376528	33.666	ng		98
73) Di-n-butylphthalate	11.50	149	446715	32.312	ng	#	98
74) Fluoranthene	12.13	202	376634	34.625	ng		99
76) Benzidine	12.26	184	253499	45.596	ng	#	92
77) Pyrene	12.35	202	414508	33.792	ng		99
79) Butylbenzylphthalate	12.99	149	193310	30.981	ng	#	84
80) Benzo(a)anthracene	13.54	228	299596	30.902	ng		99
81) 3,3'-Dichlorobenzidine	13.50	252	108534	29.686	ng	#	97
82) Chrysene	13.57	228	290854	30.723	ng		99
83) Bis(2-ethylhexyl)phthalate	13.55	149	257247	31.576	ng		100
84) Di-n-octyl phthalate	14.16	149	531256	35.534	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.09	276	209497	25.808	ng		95
87) Benzo(b)fluoranthene	14.54	252	267507	39.021	ng		97
88) Benzo(k)fluoranthene	14.56	252	213625	32.701	ng		96
89) Benzo(a)pyrene	14.84	252	211565	33.719	ng		98
90) Dibenzo(a,h)anthracene	16.09	278	173112	33.645	ng		94
91) Benzo(g,h,i)perylene	16.44	276	177675	32.929	ng		99

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

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