Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097440.D
Acq On : 7 Aug 2017 20:23
Operator : SJ/JU
Sample : I4623-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-BNMSD

Manual Integrations APPROVED
Sohil
8/9/2017 7:55:58 PM

Quant Time: Aug 08 05:39:51 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	6.41	152	100668	20.00	ng		0.00
21) Naphthalene-d8	7.70	136	399903	20.00	ng		0.00
38) Acenaphthene-d10	9.44	164	174201	20.00	ng		0.00
63) Phenanthrene-d10	10.91	188	233868	20.00	ng		0.00
75) Chrysene-d12	13.53	240	163278	20.00	ng		0.00
86) Perylene-d12	14.87	264	156176	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.01	112	701583	105.06	ng		0.00
7) Phenol-d6	6.09	99	748066	98.13	ng		0.00
23) Nitrobenzene-d5	6.99	82	457015	67.04	ng		0.00
41) 2,4,6-Tribromophenol	10.23	330	114045	82.86	ng		0.00
44) 2-Fluorobiphenyl	8.77	172	695870	67.79	ng		0.00
78) Terphenyl-d14	12.49	244	419406	52.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.91	88	78930	28.323	ng	#	73
3) Pyridine	2.52	79	196539m	23.032	ng		
4) n-Nitrosodimethylamine	2.46	42	126815	26.825	ng	#	76
6) Aniline	6.07	93	277013	28.875	ng		96
8) 2-Chlorophenol	6.20	128	227654	31.882	ng		94
9) Benzaldehyde	5.96	77	113084	25.060	ng		94
10) Phenol	6.10	94	295490	32.677	ng		96
11) bis(2-Chloroethyl)ether	6.16	93	220963	30.895	ng		89
12) 1,3-Dichlorobenzene	6.35	146	227398	29.551	ng		99
13) 1,4-Dichlorobenzene	6.43	146	232276	30.458	ng		94
14) 1,2-Dichlorobenzene	6.58	146	206858	31.067	ng		97
15) Benzyl Alcohol	6.58	79	184550	38.235	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.70	45	455360	31.744	ng		57
17) 2-Methylphenol	6.70	107	176910	32.102	ng	#	88
18) Hexachloroethane	6.92	117	77486	27.774	ng	#	80
19) n-Nitroso-di-n-propylamine	6.85	70	159787	31.842	ng	#	78
20) 3+4-Methylphenols	6.86	107	245992	34.176	ng	#	61
22) Acetophenone	6.83	105	312071	32.495	ng	#	98
24) Nitrobenzene	7.00	77	236639	33.331	ng		97
25) Isophorone	7.25	82	412865	30.926	ng		99
26) 2-Nitrophenol	7.32	139	121796	31.709	ng	#	85
27) 2,4-Dimethylphenol	7.38	122	191412	30.210	ng		97
28) bis(2-Chloroethoxy)methane	7.46	93	274530	31.512	ng		97
29) 2,4-Dichlorophenol	7.58	162	177871	32.587	ng		95
30) 1,2,4-Trichlorobenzene	7.65	180	155709	29.928	ng		97
31) Naphthalene	7.72	128	602797	31.977	ng		100
33) 4-Chloroaniline	7.78	127	215093	28.042	ng		98
34) Hexachlorobutadiene	7.84	225	78835	28.582	ng		96
35) Caprolactam	8.15	113	63557	36.313	ng	#	47
36) 4-Chloro-3-methylphenol	8.29	107	192839	32.383	ng		90
37) 2-Methylnaphthalene	8.41	142	377191	31.602	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.58	216	143624	30.899	ng		99
40) Hexachlorocyclopentadiene	8.56	237	7470	10.809	ng		97
42) 2,4,6-Trichlorophenol	8.70	196	105772	31.402	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.76	196	101517	30.111	ng		96
45) 1,1'-Biphenyl	8.87	154	447955	30.106	ng		98
46) 2-Chloronaphthalene	8.89	162	327489	29.909	ng		93
47) 2-Nitroaniline	9.00	65	136748	34.413	ng		96
48) Acenaphthylene	9.30	152	547962	32.604	ng		98
49) Dimethylphthalate	9.18	163	521587	39.429	ng		99
50) 2,6-Dinitrotoluene	9.25	165	91728	32.694	ng	#	65
51) Acenaphthene	9.47	154	327496	33.082	ng		100
52) 3-Nitroaniline	9.42	138	103359	29.679	ng		93
53) 2,4-Dinitrophenol	9.56	184	8860	6.945	ng	#	65
54) Dibenzofuran	9.65	168	478152	36.262	ng		98
55) 4-Nitrophenol	9.65	139	298634	144.197	ng	#	34
56) 2,4-Dinitrotoluene	9.66	165	114830	35.602	ng	#	77
57) Fluorene	9.99	166	301165	30.388	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.78	232	70030	30.083	ng	#	98
59) Diethylphthalate	9.87	149	372704	30.710	ng		99
60) 4-Chlorophenyl-phenylether	9.98	204	127790	31.225	ng		97
61) 4-Nitroaniline	10.02	138	84466	25.526	ng		91
62) Azobenzene	10.14	77	327971	29.130	ng		92
64) 4,6-Dinitro-2-methylphenol	10.07	198	17579	12.096	ng		84
65) n-Nitrosodiphenylamine	10.10	169	297479	36.558	ng		97
66) 4-Bromophenyl-phenylether	10.46	248	78285	33.542	ng		97
67) Hexachlorobenzene	10.53	284	80049	30.585	ng	#	90
68) Atrazine	10.64	200	78289	33.552	ng		93
69) Pentachlorophenol	10.74	266	47479	43.844	ng		94
70) Phenanthrene	10.93	178	423754	33.817	ng		99
71) Anthracene	10.99	178	427098	33.278	ng		98
72) Carbazole	11.15	167	403326	31.954	ng		98
73) Di-n-butylphthalate	11.49	149	521786	33.443	ng		98
74) Fluoranthene	12.12	202	369754	30.121	ng		98
76) Benzidine	12.24	184	239912	39.600	ng	#	93
77) Pyrene	12.34	202	377056	28.208	ng		98
79) Butylbenzylphthalate	12.97	149	186792	27.472	ng	#	77
80) Benzo(a)anthracene	13.52	228	318723	30.168	ng		99
81) 3,3'-Dichlorobenzidine	13.49	252	125615	31.530	ng	#	97
82) Chrysene	13.56	228	321601	31.175	ng		100
83) Bis(2-ethylhexyl)phthalate	13.54	149	223445	25.169	ng		99
84) Di-n-octyl phthalate	14.14	149	464724	28.525	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.06	276	231135	26.129	ng		96
87) Benzo(b)fluoranthene	14.53	252	323091	34.415	ng		98
88) Benzo(k)fluoranthene	14.55	252	254448m	28.443	ng		
89) Benzo(a)pyrene	14.82	252	272858	31.757	ng		97
90) Dibenzo(a,h)anthracene	16.06	278	198306	28.144	ng		96
91) Benzo(g,h,i)perylene	16.41	276	188377	25.494	ng		99

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

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