Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097089.D
Acq On : 26 Jul 2017 21:43
Operator : SJ/JU
Sample : I4400-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB02AMSD

Manual Integrations APPROVED
Sohil
7/27/2017 12:31:30 PM

Quant Time: Jul 27 08:55:56 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	100090	20.00	ng		0.00
21) Naphthalene-d8	7.78	136	495688	20.00	ng		0.00
38) Acenaphthene-d10	9.53	164	219617	20.00	ng		0.00
63) Phenanthrene-d10	11.00	188	337237	20.00	ng		0.00
75) Chrysene-d12	13.63	240	196422	20.00	ng		0.00
86) Perylene-d12	14.97	264	180598	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	756362	113.92	ng		0.00
7) Phenol-d6	6.17	99	992691	130.97	ng		0.00
23) Nitrobenzene-d5	7.07	82	608626	72.03	ng		0.00
41) 2,4,6-Tribromophenol	10.32	330	186407	107.43	ng		0.00
44) 2-Fluorobiphenyl	8.86	172	1084792	83.83	ng		0.00
78) Terphenyl-d14	12.59	244	818572	84.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	113850	41.090	ng	#	75
3) Pyridine	2.70	79	190150	22.412	ng	#	65
4) n-Nitrosodimethylamine	2.64	42	209494	44.571	ng		82
6) Aniline	6.16	93	283675	29.741	ng	#	80
8) 2-Chlorophenol	6.29	128	291219	41.020	ng		95
9) Benzaldehyde	6.04	77	109917	24.499	ng		98
10) Phenol	6.18	94	429960	47.822	ng		93
11) bis(2-Chloroethyl)ether	6.25	93	311689	43.833	ng		93
12) 1,3-Dichlorobenzene	6.43	146	315704	41.264	ng		98
13) 1,4-Dichlorobenzene	6.51	146	320432	42.261	ng		95
14) 1,2-Dichlorobenzene	6.67	146	286030	43.205	ng		98
15) Benzyl Alcohol	6.66	79	227980	47.506	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.79	45	578018	40.527	ng		69
17) 2-Methylphenol	6.78	107	227344	41.491	ng	#	91
18) Hexachloroethane	7.00	117	117036	42.192	ng	#	80
19) n-Nitroso-di-n-propylamine	6.93	70	227208	45.539	ng	#	84
20) 3+4-Methylphenols	6.94	107	323660	45.227	ng	#	63
22) Acetophenone	6.92	105	450726	37.864	ng		97
24) Nitrobenzene	7.09	77	326390	37.089	ng		94
25) Isophorone	7.33	82	698917	42.237	ng		97
26) 2-Nitrophenol	7.40	139	171611	36.045	ng		89
27) 2,4-Dimethylphenol	7.46	122	300842	38.306	ng		96
28) bis(2-Chloroethoxy)methane	7.55	93	472422	43.748	ng		98
29) 2,4-Dichlorophenol	7.65	162	272713	40.308	ng		95
30) 1,2,4-Trichlorobenzene	7.73	180	272279	42.220	ng		98
31) Naphthalene	7.80	128	1027164	43.959	ng		99
33) 4-Chloroaniline	7.86	127	337826	35.532	ng		95
34) Hexachlorobutadiene	7.93	225	138912	40.631	ng		100
35) Caprolactam	8.23	113	60448m	27.863	ng		
36) 4-Chloro-3-methylphenol	8.36	107	312563	42.345	ng		90
37) 2-Methylnaphthalene	8.49	142	667955	45.149	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.66	216	223754	38.184	ng		99
40) Hexachlorocyclopentadiene	8.65	237	163507	79.810	ng		99
42) 2,4,6-Trichlorophenol	8.78	196	143304	33.746	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.83	196	145536	34.240	ng		98
45) 1,1'-Biphenyl	8.96	154	699277	37.278	ng		98
46) 2-Chloronaphthalene	8.98	162	546314	39.577	ng	#	93
47) 2-Nitroaniline	9.09	65	207082	41.336	ng		93
48) Acenaphthylene	9.39	152	843198	39.796	ng		98
49) Dimethylphthalate	9.27	163	824179	49.419	ng		100
50) 2,6-Dinitrotoluene	9.33	165	147670	41.748	ng	#	74
51) Acenaphthene	9.56	154	509854	40.852	ng		98
52) 3-Nitroaniline	9.50	138	159224	36.266	ng		87
53) 2,4-Dinitrophenol	9.62	184	9389	5.838	ng	#	78
54) Dibenzofuran	9.73	168	691238	41.581	ng		98
55) 4-Nitrophenol	9.69	139	150289	57.561	ng	#	69
56) 2,4-Dinitrotoluene	9.73	165	166687	40.993	ng	#	53
57) Fluorene	10.07	166	538710	43.116	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.86	232	105784	36.045	ng		99
59) Diethylphthalate	9.97	149	632639	41.348	ng		100
60) 4-Chlorophenyl-phenylether	10.07	204	218304	42.312	ng		100
61) 4-Nitroaniline	10.11	138	179036	42.916	ng		91
62) Azobenzene	10.23	77	639230	45.035	ng		91
64) 4,6-Dinitro-2-methylphenol	10.15	198	45004	21.476	ng		88
65) n-Nitrosodiphenylamine	10.19	169	507848	43.281	ng		99
66) 4-Bromophenyl-phenylether	10.56	248	158275	47.028	ng		98
67) Hexachlorobenzene	10.62	284	164526	43.594	ng	#	88
68) Atrazine	10.73	200	163993	48.739	ng		94
69) Pentachlorophenol	10.82	266	75295	48.218	ng		98
70) Phenanthrene	11.03	178	813754	45.035	ng		98
71) Anthracene	11.08	178	809486	43.740	ng		100
72) Carbazole	11.24	167	837966	46.039	ng		99
73) Di-n-butylphthalate	11.58	149	1053139	46.809	ng		99
74) Fluoranthene	12.21	202	790866	44.678	ng		98
76) Benzidine	12.33	184	58472	8.023	ng	#	94
77) Pyrene	12.43	202	774315	48.153	ng		99
79) Butylbenzylphthalate	13.07	149	372233	45.507	ng	#	85
80) Benzo(a)anthracene	13.62	228	553948	43.586	ng		100
81) 3,3'-Dichlorobenzidine	13.59	252	167226	34.891	ng	#	95
82) Chrysene	13.66	228	522868	42.132	ng		100
83) Bis(2-ethylhexyl)phthalate	13.63	149	489421	45.826	ng		99
84) Di-n-octyl phthalate	14.24	149	854960	43.623	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.21	276	509033	47.835	ng		97
87) Benzo(b)fluoranthene	14.62	252	463247	42.671	ng		98
88) Benzo(k)fluoranthene	14.64	252	453043m	43.794	ng		
89) Benzo(a)pyrene	14.93	252	440010	44.285	ng		100
90) Dibenzo(a,h)anthracene	16.22	278	413892	50.798	ng	#	95
91) Benzo(g,h,i)perylene	16.57	276	428392	50.137	ng		99

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

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