Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096845.D
Acq On : 18 Jul 2017 13:58
Operator : SJ/JU
Sample : I4223-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC071417-1NEMS

Manual Integrations APPROVED
mohammad
7/19/2017 2:31:14 PM

Quant Time: Jul 18 16:59:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	119911	20.00	ng		0.00
21) Naphthalene-d8	7.89	136	523697	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	262187	20.00	ng		0.00
63) Phenanthrene-d10	11.11	188	447713	20.00	ng		0.00
75) Chrysene-d12	13.73	240	216314	20.00	ng		0.00
86) Perylene-d12	15.10	264	206784	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	928248	116.39	ng		0.02
7) Phenol-d6	6.26	99	1128698	117.94	ng		0.01
23) Nitrobenzene-d5	7.17	82	701264	82.94	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	245776	109.82	ng		0.00
44) 2-Fluorobiphenyl	8.96	172	1314144	79.19	ng		0.00
78) Terphenyl-d14	12.69	244	1000392	80.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	130651	31.838	ng	#	73
3) Pyridine	2.92	79	333379	38.657	ng	#	61
4) n-Nitrosodimethylamine	2.86	42	211992	43.956	ng		81
6) Aniline	6.27	93	362830	30.778	ng	#	33
8) 2-Chlorophenol	6.39	128	355436	41.313	ng		96
9) Benzaldehyde	6.15	77	157966	28.558	ng		97
10) Phenol	6.27	94	427293	39.496	ng		87
11) bis(2-Chloroethyl)ether	6.35	93	348662	42.856	ng		92
12) 1,3-Dichlorobenzene	6.54	146	379899	41.541	ng		96
13) 1,4-Dichlorobenzene	6.62	146	380469	41.081	ng		95
14) 1,2-Dichlorobenzene	6.77	146	343314	40.755	ng		95
15) Benzyl Alcohol	6.75	79	274670	43.838	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	699837	41.682	ng		94
17) 2-Methylphenol	6.88	107	286469	42.819	ng	#	90
18) Hexachloroethane	7.11	117	135924	41.389	ng	#	82
19) n-Nitroso-di-n-propylamine	7.03	70	244034	42.325	ng	#	87
20) 3+4-Methylphenols	7.03	107	358759	44.190	ng	#	64
22) Acetophenone	7.02	105	493477	42.160	ng		98
24) Nitrobenzene	7.19	77	362880	41.499	ng		94
25) Isophorone	7.43	82	670226	42.613	ng		94
26) 2-Nitrophenol	7.50	139	209025	42.990	ng	#	88
27) 2,4-Dimethylphenol	7.56	122	330766	41.352	ng		96
28) bis(2-Chloroethoxy)methane	7.65	93	458825	43.171	ng		99
29) 2,4-Dichlorophenol	7.75	162	311404	43.009	ng		96
30) 1,2,4-Trichlorobenzene	7.83	180	288454	41.901	ng		97
31) Naphthalene	7.90	128	1039663	41.907	ng		100
32) Benzoic acid	7.67	122	86930	17.004	ng		89
33) 4-Chloroaniline	7.96	127	231228	23.525	ng		96
34) Hexachlorobutadiene	8.03	225	152934	41.614	ng		97
35) Caprolactam	8.35	113	115109m	49.616	ng		
36) 4-Chloro-3-methylphenol	8.46	107	332606	42.722	ng		93
37) 2-Methylnaphthalene	8.60	142	727799	46.016	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.77	216	250801	35.386	ng		99
40) Hexachlorocyclopentadiene	8.76	237	230909	86.211	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	206608	39.520	ng		98
43) 2,4,5-Trichlorophenol	8.93	196	217287	41.211	ng		97
45) 1,1'-Biphenyl	9.06	154	864906	38.464	ng		98
46) 2-Chloronaphthalene	9.09	162	674429	40.732	ng		95
47) 2-Nitroaniline	9.18	65	252789	44.415	ng		97
48) Acenaphthylene	9.50	152	1058050	40.105	ng		99
49) Dimethylphthalate	9.37	163	1052520	53.314	ng		99
50) 2,6-Dinitrotoluene	9.43	165	176000	41.159	ng	#	77
51) Acenaphthene	9.67	154	604050	38.759	ng		98
52) 3-Nitroaniline	9.59	138	145324	28.688	ng		94
53) 2,4-Dinitrophenol	9.71	184	138212	66.519	ng	#	71
54) Dibenzofuran	9.84	168	894894	40.976	ng		98
55) 4-Nitrophenol	9.78	139	244877	66.168	ng	#	62
56) 2,4-Dinitrotoluene	9.83	165	218433	39.753	ng	#	64
57) Fluorene	10.18	166	662036	41.022	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.96	232	163669	44.759	ng		98
59) Diethylphthalate	10.07	149	791665	41.192	ng		100
60) 4-Chlorophenyl-phenylether	10.17	204	285810	42.000	ng		98
61) 4-Nitroaniline	10.21	138	214479	45.088	ng		91
62) Azobenzene	10.33	77	701668	41.385	ng		93
64) 4,6-Dinitro-2-methylphenol	10.25	198	111532	39.677	ng		87
65) n-Nitrosodiphenylamine	10.30	169	602638	37.655	ng		98
66) 4-Bromophenyl-phenylether	10.66	248	191461	41.886	ng		97
67) Hexachlorobenzene	10.73	284	198715	39.033	ng	#	86
68) Atrazine	10.83	200	184510	40.467	ng		95
69) Pentachlorophenol	10.93	266	173986	70.743	ng		98
70) Phenanthrene	11.13	178	990481	40.687	ng		99
71) Anthracene	11.19	178	991540	40.285	ng		100
72) Carbazole	11.34	167	933949	39.184	ng		99
73) Di-n-butylphthalate	11.68	149	1166618	39.301	ng		99
74) Fluoranthene	12.32	202	949679	40.757	ng		99
76) Benzidine	12.43	184	295556	41.707	ng	#	92
77) Pyrene	12.54	202	922739	47.003	ng		99
79) Butylbenzylphthalate	13.17	149	489731	52.503	ng	#	80
80) Benzo(a)anthracene	13.72	228	594494	44.108	ng		99
81) 3,3'-Dichlorobenzidine	13.69	252	132937	27.428	ng	#	97
82) Chrysene	13.76	228	592331	44.642	ng		99
83) Bis(2-ethylhexyl)phthalate	13.73	149	540854	47.613	ng		99
84) Di-n-octyl phthalate	14.34	149	931953	49.633	ng		95
85) Indeno(1,2,3-cd)pyrene	16.39	276	538531	43.066	ng		99
87) Benzo(b)fluoranthene	14.73	252	527284	42.279	ng		99
88) Benzo(k)fluoranthene	14.76	252	480007	40.645	ng	#	93
89) Benzo(a)pyrene	15.05	252	484240	42.334	ng		99
90) Dibenzo(a,h)anthracene	16.40	278	440713	41.872	ng		97
91) Benzo(g,h,i)perylene	16.78	276	466795	41.416	ng		97

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

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