Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104015.D
Acq On : 28 Mar 2018 17:38
Operator : JU/SJ
Sample : J2087-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JRS-RB201719RT-CV-2530MS

Manual Integrations APPROVED
Sohil
3/29/2018 5:36:21 PM

Quant Time: Mar 28 18:51:49 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 13:41:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	139428	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	568366	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	235046	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	277659	20.00	ng		0.02
75) Chrysene-d12	14.16	240	253070	20.00	ng		0.00
86) Perylene-d12	15.70	264	270322	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	976832	111.73	ng		0.00
7) Phenol-d6	6.61	99	1173817	109.13	ng		0.00
23) Nitrobenzene-d5	7.53	82	711797	76.59	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	227431	86.90	ng		0.01
44) 2-Fluorobiphenyl	9.32	172	1162870	78.02	ng		0.00
78) Terphenyl-d14	13.09	244	803235	73.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	105214	27.902	ng	#	85
3) Pyridine	3.70	79	99257m	10.398	ng		
4) n-Nitrosodimethylamine	3.61	42	105561m	37.203	ng		
6) Aniline	6.65	93	296381	23.017	ng	#	77
8) 2-Chlorophenol	6.76	128	364205	37.975	ng		96
9) Benzaldehyde	6.52	77	153064	24.257	ng		94
10) Phenol	6.62	94	465175	39.031	ng		98
11) bis(2-Chloroethyl)ether	6.70	93	319019	31.063	ng		90
12) 1,3-Dichlorobenzene	6.90	146	363314	33.701	ng		98
13) 1,4-Dichlorobenzene	6.98	146	391304	33.875	ng		100
14) 1,2-Dichlorobenzene	7.13	146	358115	34.491	ng		100
15) Benzyl Alcohol	7.11	79	273538	39.112	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	406752	36.354	ng		63
17) 2-Methylphenol	7.22	107	289943	37.145	ng	#	89
18) Hexachloroethane	7.47	117	129515	33.487	ng		96
19) n-Nitroso-di-n-propylamine	7.37	70	237388	37.188	ng		91
20) 3+4-Methylphenols	7.37	107	383549	38.501	ng	#	56
22) Acetophenone	7.37	105	505602	36.767	ng	#	99
24) Nitrobenzene	7.55	77	356640	36.472	ng		99
25) Isophorone	7.78	82	672936	39.290	ng		99
26) 2-Nitrophenol	7.86	139	203040	39.778	ng		96
27) 2,4-Dimethylphenol	7.90	122	317849	43.177	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	438712	40.869	ng		100
29) 2,4-Dichlorophenol	8.11	162	315237	40.998	ng		97
30) 1,2,4-Trichlorobenzene	8.19	180	311735	35.732	ng		99
31) Naphthalene	8.27	128	1005792	36.223	ng		99
32) Benzoic acid	8.02	122	154452	28.640	ng		96
33) 4-Chloroaniline	8.33	127	314862	26.897	ng		97
34) Hexachlorobutadiene	8.37	225	166596	35.092	ng		98
35) Caprolactam	8.69	113	83915m	34.419	ng		
36) 4-Chloro-3-methylphenol	8.80	107	327184	40.230	ng		98
37) 2-Methylnaphthalene	8.96	142	675361	36.925	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	291880	40.495	ng		98
40) Hexachlorocyclopentadiene	9.10	237	85831	28.982	ng		98

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42) 2,4,6-Trichlorophenol	9.24	196	197378	43.246	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	224550	40.748	ng		98
45) 1,1'-Biphenyl	9.42	154	788121	39.067	ng		99
46) 2-Chloronaphthalene	9.45	162	611849	38.450	ng		100
47) 2-Nitroaniline	9.56	65	182959	40.321	ng		95
48) Acenaphthylene	9.87	152	842906	34.964	ng		99
49) Dimethylphthalate	9.73	163	798992	43.055	ng		99
50) 2,6-Dinitrotoluene	9.79	165	161836	40.535	ng		94
51) Acenaphthene	10.05	154	476248	34.149	ng		98
52) 3-Nitroaniline	9.97	138	142077	30.957	ng	#	92
53) 2,4-Dinitrophenol	10.08	184	93712	55.592	ng	#	24
54) Dibenzofuran	10.22	168	709787	34.852	ng		98
55) 4-Nitrophenol	10.15	139	208869	75.900	ng		87
56) 2,4-Dinitrotoluene	10.20	165	184766	36.267	ng	#	91
57) Fluorene	10.57	166	517158	30.785	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	141038	34.160	ng	#	86
59) Diethylphthalate	10.43	149	586838	33.009	ng		96
60) 4-Chlorophenyl-phenylether	10.55	204	245776	31.854	ng		100
61) 4-Nitroaniline	10.60	138	118236	27.532	ng		97
62) Azobenzene	10.72	77	495453	30.820	ng		91
64) 4,6-Dinitro-2-methylphenol	10.62	198	61872	36.812	ng	#	74
65) n-Nitrosodiphenylamine	10.67	169	489028	52.005	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	138071	46.480	ng		98
67) Hexachlorobenzene	11.12	284	142298	41.644	ng		91
68) Atrazine	11.20	200	128436	44.584	ng		87
69) Pentachlorophenol	11.32	266	139949	74.428	ng		96
70) Phenanthrene	11.54	178	602831	40.101	ng		99
71) Anthracene	11.59	178	624355	39.762	ng		98
72) Carbazole	11.75	167	533571	35.603	ng		97
73) Di-n-butylphthalate	12.06	149	717340	40.184	ng		100
74) Fluoranthene	12.73	202	626571	39.212	ng		98
76) Benzidine	12.85	184	100776	13.974	ng	#	82
77) Pyrene	12.96	202	626850	34.457	ng		99
79) Butylbenzylphthalate	13.56	149	331034	38.623	ng		98
80) Benzo(a)anthracene	14.15	228	589065	37.200	ng		98
81) 3,3'-Dichlorobenzidine	14.11	252	160884	30.695	ng		97
82) Chrysene	14.19	228	569575	36.724	ng		98
83) Bis(2-ethylhexyl)phthalate	14.10	149	464761	41.969	ng		99
84) Di-n-octyl phthalate	14.73	149	794176	41.691	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.29	276	588594	36.622	ng		96
87) Benzo(b)fluoranthene	15.24	252	597542	36.321	ng		98
88) Benzo(k)fluoranthene	15.27	252	561079	36.205	ng		99
89) Benzo(a)pyrene	15.64	252	563771	36.979	ng		99
90) Dibenzo(a,h)anthracene	17.30	278	500484	35.507	ng		97
91) Benzo(g,h,i)perylene	17.77	276	468925	33.214	ng		97

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

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