Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
Data File : BF102029.D
Acq On : 11 Jan 2018 20:07
Operator : SJ/JU
Sample : J1062-04MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-27-COMPMS

Manual Integrations APPROVED
Sohil
1/12/2018 10:37:27 AM

Quant Time: Jan 12 09:43:12 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	204784	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	804022	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	305003	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	429318	20.00	ng		0.00
75) Chrysene-d12	13.87	240	319678	20.00	ng		0.00
86) Perylene-d12	15.29	264	390445	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1314730	90.66	ng		0.01
7) Phenol-d6	6.37	99	1551611	89.67	ng		0.00
23) Nitrobenzene-d5	7.30	82	975773	71.32	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	243319	91.41	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1469777	75.28	ng		0.00
78) Terphenyl-d14	12.83	244	914001	59.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	198383	27.411	ng		95
3) Pyridine	3.15	79	508682	25.737	ng		94
4) n-Nitrosodimethylamine	3.11	42	275648	33.305	ng		97
6) Aniline	6.39	93	317939	13.039	ng		98
8) 2-Chlorophenol	6.52	128	488816	33.608	ng		95
9) Benzaldehyde	6.27	77	103959	8.653	ng		93
10) Phenol	6.38	94	633460	32.395	ng		97
11) bis(2-Chloroethyl)ether	6.47	93	479358	32.208	ng		95
12) 1,3-Dichlorobenzene	6.67	146	522798	31.181	ng		99
13) 1,4-Dichlorobenzene	6.75	146	520382	31.103	ng		99
14) 1,2-Dichlorobenzene	6.90	146	486120	31.392	ng		99
15) Benzyl Alcohol	6.87	79	405308	32.023	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	859112	31.313	ng		98
17) 2-Methylphenol	6.99	107	407367	31.047	ng		100
18) Hexachloroethane	7.24	117	185639	31.509	ng		95
19) n-Nitroso-di-n-propylamine	7.15	70	329847	29.089	ng		93
20) 3+4-Methylphenols	7.14	107	465749	29.564	ng	#	68
22) Acetophenone	7.14	105	657169	33.923	ng	#	88
24) Nitrobenzene	7.32	77	503865	34.271	ng		96
25) Isophorone	7.55	82	905514	33.494	ng		99
26) 2-Nitrophenol	7.63	139	258093	41.942	ng		95
27) 2,4-Dimethylphenol	7.67	122	412995	35.936	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	590294	36.162	ng		99
29) 2,4-Dichlorophenol	7.87	162	383157	35.112	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	382030	33.470	ng		98
31) Naphthalene	8.03	128	1325373	32.989	ng		100
32) Benzoic acid	7.75	122	117799m	13.517	ng		
33) 4-Chloroaniline	8.08	127	110995	6.473	ng		99
34) Hexachlorobutadiene	8.15	225	196187	32.471	ng		100
35) Caprolactam	8.45	113	113317m	30.248	ng		
36) 4-Chloro-3-methylphenol	8.57	107	392252	32.838	ng		98
37) 2-Methylnaphthalene	8.72	142	874562	33.066	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	328434	38.063	ng		99
40) Hexachlorocyclopentadiene	8.87	237	229859	48.709	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	227212	38.211	ng		98
43) 2,4,5-Trichlorophenol	9.04	196	235788	35.084	ng		98
45) 1,1'-Biphenyl	9.19	154	982388	36.440	ng		99
46) 2-Chloronaphthalene	9.21	162	733229	35.073	ng		99
47) 2-Nitroaniline	9.31	65	231743	37.007	ng		98
48) Acenaphthylene	9.63	152	1086985	32.763	ng		99
49) Dimethylphthalate	9.49	163	1018791	41.639	ng		100
50) 2,6-Dinitrotoluene	9.55	165	183206	37.485	ng		97
51) Acenaphthene	9.80	154	679079	33.723	ng		98
52) 3-Nitroaniline	9.72	138	120166	19.481	ng		97
53) 2,4-Dinitrophenol	9.82	184	81722m	47.677	ng		
54) Dibenzofuran	9.97	168	926449	33.522	ng		98
55) 4-Nitrophenol	9.88	139	277953	60.467	ng		91
56) 2,4-Dinitrotoluene	9.95	165	218550	35.677	ng	#	98
57) Fluorene	10.31	166	653892	34.226	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	167365	34.980	ng		99
59) Diethylphthalate	10.19	149	778639	31.992	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	294356	36.183	ng		99
61) 4-Nitroaniline	10.33	138	143910	24.584	ng		94
62) Azobenzene	10.46	77	888231	36.681	ng		97
64) 4,6-Dinitro-2-methylphenol	10.36	198	64082	29.904	ng		82
65) n-Nitrosodiphenylamine	10.42	169	608761	37.867	ng		100
66) 4-Bromophenyl-phenylether	10.79	248	178202	39.305	ng		96
67) Hexachlorobenzene	10.85	284	172190	34.789	ng		99
68) Atrazine	10.95	200	173658	37.378	ng		98
69) Pentachlorophenol	11.05	266	187438	62.104	ng		98
70) Phenanthrene	11.27	178	837971	33.415	ng		99
71) Anthracene	11.32	178	853461	33.556	ng		98
72) Carbazole	11.47	167	769217	30.770	ng		99
73) Di-n-butylphthalate	11.81	149	1048471	34.186	ng		99
74) Fluoranthene	12.45	202	753474	30.538	ng		99
76) Benzidine	12.58	184	233115	15.101	ng		99
77) Pyrene	12.68	202	782476	27.691	ng		99
79) Butylbenzylphthalate	13.30	149	372668	28.737	ng		98
80) Benzo(a)anthracene	13.87	228	675619	33.125	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	232915	30.841	ng		97
82) Chrysene	13.90	228	681391	32.039	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	460822	30.977	ng		99
84) Di-n-octyl phthalate	14.48	149	947390	38.377	ng		97
85) Indeno(1,2,3-cd)pyrene	16.67	276	830019	53.621	ng		97
87) Benzo(b)fluoranthene	14.89	252	792473	31.128	ng		98
88) Benzo(k)fluoranthene	14.92	252	737810	30.042	ng		98
89) Benzo(a)pyrene	15.24	252	768016	33.525	ng		99
90) Dibenzo(a,h)anthracene	16.69	278	689618	37.721	ng		96
91) Benzo(g,h,i)perylene	17.09	276	659920	35.834	ng		97

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

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