Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104547.D
Acq On : 16 Apr 2018 21:47
Operator : JU/SJ
Sample : J2354-02MSD 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1-4PT-COMPMSD

Manual Integrations APPROVED
Sohil
4/17/2018 10:09:15 AM

Quant Time: Apr 17 10:51:03 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 16 12:15:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	149620	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	585018	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	232632	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	339911	20.00	ng		0.00
75) Chrysene-d12	13.99	240	274358	20.00	ng		0.00
86) Perylene-d12	15.46	264	204995	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	494184	50.50	ng		0.00
7) Phenol-d6	6.45	99	599223	49.84	ng		0.00
23) Nitrobenzene-d5	7.37	82	388290	43.34	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	121197	50.22	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	680531	46.21	ng		0.00
78) Terphenyl-d14	12.93	244	491866	40.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	60866	13.349	ng		91
3) Pyridine	3.27	79	180695	14.096	ng		86
4) n-Nitrosodimethylamine	3.21	42	65116	14.531	ng		79
6) Aniline	6.47	93	162329	9.718	ng	#	81
8) 2-Chlorophenol	6.60	128	162423	15.727	ng		93
9) Benzaldehyde	6.36	77	47398	4.966	ng		98
10) Phenol	6.46	94	225783	17.699	ng		95
11) bis(2-Chloroethyl)ether	6.55	93	157996	15.521	ng		96
12) 1,3-Dichlorobenzene	6.75	146	176590	15.093	ng		98
13) 1,4-Dichlorobenzene	6.83	146	188171	16.134	ng		98
14) 1,2-Dichlorobenzene	6.98	146	180369	16.688	ng		97
15) Benzyl Alcohol	6.95	79	147042	16.103	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	222403	16.268	ng		92
17) 2-Methylphenol	7.07	107	140838	15.688	ng		98
18) Hexachloroethane	7.32	117	59095	14.211	ng		95
19) n-Nitroso-di-n-propylamine	7.22	70	116875	14.876	ng		96
20) 3+4-Methylphenols	7.22	107	173811	15.610	ng	#	70
22) Acetophenone	7.22	105	240062	16.668	ng	#	98
24) Nitrobenzene	7.39	77	176873	17.881	ng		99
25) Isophorone	7.63	82	279230	14.739	ng		97
26) 2-Nitrophenol	7.71	139	81967	20.355	ng		94
27) 2,4-Dimethylphenol	7.75	122	131948	15.781	ng		96
28) bis(2-Chloroethoxy)methane	7.84	93	201350	17.383	ng		98
29) 2,4-Dichlorophenol	7.96	162	133427	16.725	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	144256	16.476	ng		98
31) Naphthalene	8.12	128	458316	15.733	ng		99
32) Benzoic acid	7.83	122	46103m	6.911	ng		
33) 4-Chloroaniline	8.17	127	152585	12.226	ng		96
34) Hexachlorobutadiene	8.23	225	80566	16.800	ng		99
35) Caprolactam	8.51	113	40030	14.383	ng	#	80
36) 4-Chloro-3-methylphenol	8.65	107	132743	15.518	ng		95
37) 2-Methylnaphthalene	8.81	142	282629	14.999	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	124952	18.764	ng		98
40) Hexachlorocyclopentadiene	8.96	237	13146	3.526	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	83281	18.015	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	83446	16.131	ng		99
45) 1,1'-Biphenyl	9.27	154	357555	18.296	ng		98
46) 2-Chloronaphthalene	9.30	162	274691	17.795	ng		97
47) 2-Nitroaniline	9.39	65	83228	21.802	ng		94
48) Acenaphthylene	9.72	152	385007	15.897	ng		99
49) Dimethylphthalate	9.57	163	414532	22.597	ng		100
50) 2,6-Dinitrotoluene	9.63	165	62198	18.323	ng		98
51) Acenaphthene	9.89	154	229150	15.507	ng		98
52) 3-Nitroaniline	9.80	138	69227	17.420	ng		98
53) 2,4-Dinitrophenol	9.92	184	2216	7.489	ng	#	33
54) Dibenzofuran	10.06	168	345178	16.762	ng		100
55) 4-Nitrophenol	9.97	139	85407	27.359	ng		89
56) 2,4-Dinitrotoluene	10.04	165	71593	16.079	ng	#	93
57) Fluorene	10.40	166	242684	16.191	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	57935	15.012	ng		95
59) Diethylphthalate	10.27	149	293875	16.085	ng		100
60) 4-Chlorophenyl-phenylether	10.39	204	126531	18.955	ng		95
61) 4-Nitroaniline	10.42	138	64953	16.716	ng		92
62) Azobenzene	10.55	77	261622	14.988	ng		96
64) 4,6-Dinitro-2-methylphenol	10.45	198	2748	8.753	ng		87
65) n-Nitrosodiphenylamine	10.51	169	231172	19.615	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	71529	19.784	ng	#	84
67) Hexachlorobenzene	10.95	284	71345	17.537	ng	#	87
68) Atrazine	11.04	200	67217	18.895	ng		98
69) Pentachlorophenol	11.14	266	65619	26.072	ng		98
70) Phenanthrene	11.37	178	456794	24.131	ng		99
71) Anthracene	11.42	178	326744	16.981	ng		100
72) Carbazole	11.57	167	332044	17.659	ng		100
73) Di-n-butylphthalate	11.90	149	394151	17.160	ng		100
74) Fluoranthene	12.56	202	701393	35.464	ng		99
77) Pyrene	12.79	202	663113	32.607	ng		100
79) Butylbenzylphthalate	13.40	149	148622	15.513	ng		99
80) Benzo(a)anthracene	13.98	228	429690	26.216	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	78854	12.903	ng		97
82) Chrysene	14.02	228	432496	25.690	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	224541	18.221	ng		99
84) Di-n-octyl phthalate	14.59	149	356995	17.337	ng		98
85) Indeno(1,2,3-cd)pyrene	16.93	276	246085	17.207	ng		95
87) Benzo(b)fluoranthene	15.03	252	405646m	31.331	ng		
88) Benzo(k)fluoranthene	15.06	252	249973	20.451	ng		99
89) Benzo(a)pyrene	15.40	252	282152	24.356	ng	#	96
90) Dibenzo(a,h)anthracene	16.94	278	157734	16.579	ng		97
91) Benzo(g,h,i)perylene	17.37	276	212496	23.053	ng		96

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

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