Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
Data File : BF103648.D
Acq On : 14 Mar 2018 18:39
Operator : SJ/JU
Sample : J1911-05MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5B-COMPMSD

Manual Integrations APPROVED
Sohil
3/15/2018 6:57:39 PM

Quant Time: Mar 15 10:57:51 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 18:08:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	121914	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	479624	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	188864	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	272762	20.00	ng		0.00
75) Chrysene-d12	14.06	240	193966	20.00	ng		0.00
86) Perylene-d12	15.57	264	189954	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	731844	90.79	ng		0.00
7) Phenol-d6	6.50	99	892500	90.48	ng		0.00
23) Nitrobenzene-d5	7.43	82	586852	69.88	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	119903	75.00	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	766056	66.24	ng		0.00
78) Terphenyl-d14	12.97	244	510013	63.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	91890	21.583	ng		91
3) Pyridine	3.51	79	242390m	21.326	ng		
4) n-Nitrosodimethylamine	3.46	42	103918m	22.670	ng		
6) Aniline	6.53	93	247240	17.368	ng	#	53
8) 2-Chlorophenol	6.65	128	258636	30.886	ng		93
9) Benzaldehyde	6.43	77	92110	12.524	ng		96
10) Phenol	6.52	94	371688	32.460	ng		88
11) bis(2-Chloroethyl)ether	6.59	93	297711	34.256	ng		96
12) 1,3-Dichlorobenzene	6.80	146	260274	27.198	ng		97
13) 1,4-Dichlorobenzene	6.87	146	291775	30.412	ng		99
14) 1,2-Dichlorobenzene	7.03	146	256988	29.049	ng		97
15) Benzyl Alcohol	7.02	79	202190	27.203	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	425741	28.528	ng		62
17) 2-Methylphenol	7.13	107	207718	27.296	ng	#	75
18) Hexachloroethane	7.36	117	85155	24.381	ng		93
19) n-Nitroso-di-n-propylamine	7.26	70	209116	34.065	ng	#	92
20) 3+4-Methylphenols	7.29	107	254191	27.402	ng	#	65
22) Acetophenone	7.27	105	389366	34.780	ng		95
24) Nitrobenzene	7.45	77	285895	30.919	ng		96
25) Isophorone	7.67	82	548972	33.189	ng		95
26) 2-Nitrophenol	7.77	139	128339	29.483	ng		94
27) 2,4-Dimethylphenol	7.80	122	227250	34.154	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	335208	34.468	ng		99
29) 2,4-Dichlorophenol	8.03	162	196644	30.869	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	196411	28.953	ng		99
31) Naphthalene	8.16	128	752024	32.026	ng		100
32) Benzoic acid	7.94	122	68867m	18.855	ng		
33) 4-Chloroaniline	8.24	127	169015	16.680	ng		95
34) Hexachlorobutadiene	8.26	225	97890	27.711	ng		98
35) Caprolactam	8.59	113	60025	26.810	ng	#	74
36) 4-Chloro-3-methylphenol	8.72	107	218112	30.356	ng		98
37) 2-Methylnaphthalene	8.85	142	458931	30.241	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	165776	32.107	ng		98
40) Hexachlorocyclopentadiene	8.99	237	2641	10.172	ng		87

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	106403	30.627	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	117556	29.420	ng		94
45) 1,1'-Biphenyl	9.32	154	519637	32.835	ng		100
46) 2-Chloronaphthalene	9.35	162	394128	31.479	ng		98
47) 2-Nitroaniline	9.46	65	159625	34.418	ng		85
48) Acenaphthylene	9.76	152	588584	30.554	ng		99
49) Dimethylphthalate	9.61	163	484272	31.963	ng		99
50) 2,6-Dinitrotoluene	9.69	165	93518	29.413	ng	#	83
51) Acenaphthene	9.93	154	341763	30.425	ng		98
52) 3-Nitroaniline	9.88	138	100304	24.865	ng		95
53) 2,4-Dinitrophenol	10.04	184	4219	12.853	ng	#	18
54) Dibenzofuran	10.10	168	500425	32.453	ng		91
55) 4-Nitrophenol	10.10	139	327790	131.111	ng	#	20
56) 2,4-Dinitrotoluene	10.12	165	111603	27.754	ng	#	72
57) Fluorene	10.45	166	385700	29.362	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.24	232	71443	26.616	ng	#	92
59) Diethylphthalate	10.31	149	440696	30.412	ng		100
60) 4-Chlorophenyl-phenylether	10.43	204	172584	30.982	ng		95
61) 4-Nitroaniline	10.50	138	98615	24.476	ng		96
62) Azobenzene	10.60	77	459940	31.183	ng		96
64) 4,6-Dinitro-2-methylphenol	10.54	198	9103	9.865	ng	#	61
65) n-Nitrosodiphenylamine	10.56	169	329944	34.741	ng		98
66) 4-Bromophenyl-phenylether	10.93	248	89588	31.530	ng		97
67) Hexachlorobenzene	11.00	284	88482	28.691	ng		97
68) Atrazine	11.09	200	92799	32.509	ng		99
69) Pentachlorophenol	11.22	266	55314	37.094	ng		98
70) Phenanthrene	11.42	178	459811	30.632	ng		98
71) Anthracene	11.47	178	529893	34.425	ng		99
72) Carbazole	11.64	167	482599	31.484	ng		99
73) Di-n-butylphthalate	11.94	149	919990	47.964	ng		99
74) Fluoranthene	12.62	202	468742	31.075	ng		99
76) Benzidine	12.76	184	202520	27.928	ng		98
77) Pyrene	12.85	202	458226	30.300	ng		99
79) Butylbenzylphthalate	13.44	149	252222	31.567	ng		96
80) Benzo(a)anthracene	14.04	228	374925	29.791	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	138469	30.830	ng		97
82) Chrysene	14.09	228	383166	31.356	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	323486	30.002	ng	#	99
84) Di-n-octyl phthalate	14.62	149	594670	34.136	ng		97
85) Indeno(1,2,3-cd)pyrene	17.12	276	318310	32.903	ng		97
87) Benzo(b)fluoranthene	15.12	252	361822	28.971	ng		98
88) Benzo(k)fluoranthene	15.15	252	370043	31.464	ng		99
89) Benzo(a)pyrene	15.51	252	342840	30.740	ng		98
90) Dibenzo(a,h)anthracene	17.12	278	272342	31.601	ng		97
91) Benzo(g,h,i)perylene	17.60	276	252303	29.955	ng		98

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

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