Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
Data File : BF102812.D
Acq On : 7 Feb 2018 13:47
Operator : SJ/JU
Sample : J1458-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01MS

Manual Integrations APPROVED
Sohil
2/8/2018 1:41:05 PM

Quant Time: Feb 08 02:28:57 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	181480	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	766188	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	345292	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	605634	20.00	ng		0.00
75) Chrysene-d12	14.05	240	407873	20.00	ng		0.00
86) Perylene-d12	15.53	264	326171	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1322095	110.64	ng		0.01
7) Phenol-d6	6.51	99	1578530	109.71	ng		0.00
23) Nitrobenzene-d5	7.45	82	1011474	91.58	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	342025	123.07	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1605267	77.14	ng		0.00
78) Terphenyl-d14	12.99	244	1467813	85.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	207365	35.133	ng	#	86
3) Pyridine	3.49	79	580513	35.599	ng		89
4) n-Nitrosodimethylamine	3.45	42	286684	41.089	ng		98
6) Aniline	6.55	93	497268	23.402	ng		95
8) 2-Chlorophenol	6.67	128	511573	41.583	ng		97
9) Benzaldehyde	6.43	77	168172	15.739	ng		97
10) Phenol	6.52	94	683933	44.354	ng		94
11) bis(2-Chloroethyl)ether	6.62	93	499941	38.963	ng		89
12) 1,3-Dichlorobenzene	6.82	146	531313	37.294	ng		98
13) 1,4-Dichlorobenzene	6.90	146	531074	37.422	ng		97
14) 1,2-Dichlorobenzene	7.05	146	490411	37.101	ng		99
15) Benzyl Alcohol	7.02	79	451531	40.817	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	918411	37.679	ng		96
17) 2-Methylphenol	7.13	107	439625	38.740	ng		99
18) Hexachloroethane	7.39	117	193711	39.805	ng		93
19) n-Nitroso-di-n-propylamine	7.29	70	343117	36.168	ng		92
20) 3+4-Methylphenols	7.28	107	518988	37.086	ng	#	89
22) Acetophenone	7.29	105	693348	36.980	ng	#	95
24) Nitrobenzene	7.46	77	547489	42.136	ng		99
25) Isophorone	7.70	82	1010708	39.741	ng		100
26) 2-Nitrophenol	7.78	139	288129	52.902	ng		98
27) 2,4-Dimethylphenol	7.82	122	454458	42.296	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	635965	42.212	ng		99
29) 2,4-Dichlorophenol	8.02	162	423132	43.320	ng		96
30) 1,2,4-Trichlorobenzene	8.10	180	410982	37.193	ng		99
31) Naphthalene	8.19	128	1419140	37.910	ng		99
32) Benzoic acid	7.85	122	10967m	9.935	ng		
33) 4-Chloroaniline	8.23	127	296316	18.375	ng		99
34) Hexachlorobutadiene	8.30	225	204520	36.120	ng		99
35) Caprolactam	8.60	113	144536m	42.609	ng		
36) 4-Chloro-3-methylphenol	8.72	107	469201	42.753	ng		94
37) 2-Methylnaphthalene	8.88	142	947718	38.669	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	351025	37.336	ng		98
40) Hexachlorocyclopentadiene	9.03	237	343393	76.833	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	273905	44.355	ng		100
43) 2,4,5-Trichlorophenol	9.20	196	295033	42.389	ng		94
45) 1,1'-Biphenyl	9.35	154	1085815	37.335	ng		98
46) 2-Chloronaphthalene	9.37	162	869869	37.992	ng		98
47) 2-Nitroaniline	9.46	65	324519	46.081	ng		91
48) Acenaphthylene	9.79	152	1331730	37.449	ng		99
49) Dimethylphthalate	9.65	163	1137427	42.247	ng		99
50) 2,6-Dinitrotoluene	9.70	165	232989	45.486	ng		96
51) Acenaphthene	9.96	154	782418	36.790	ng		99
52) 3-Nitroaniline	9.87	138	209624	33.260	ng	#	90
53) 2,4-Dinitrophenol	9.97	184	44360	40.832	ng	#	19
54) Dibenzofuran	10.13	168	1156393	38.584	ng		97
55) 4-Nitrophenol	10.03	139	412969	79.747	ng		93
56) 2,4-Dinitrotoluene	10.11	165	311588	45.527	ng		93
57) Fluorene	10.47	166	855302	39.223	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.25	232	218744	45.345	ng		97
59) Diethylphthalate	10.34	149	995396	37.443	ng		100
60) 4-Chlorophenyl-phenylether	10.46	204	380999	39.497	ng		97
61) 4-Nitroaniline	10.49	138	265081	44.187	ng		88
62) Azobenzene	10.62	77	992031	37.354	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	116242	46.626	ng		88
65) n-Nitrosodiphenylamine	10.58	169	802804	37.580	ng		100
66) 4-Bromophenyl-phenylether	10.95	248	245665	38.346	ng		94
67) Hexachlorobenzene	11.02	284	260749	36.894	ng		99
68) Atrazine	11.10	200	248255	39.392	ng		98
69) Pentachlorophenol	11.21	266	277114	66.794	ng		98
70) Phenanthrene	11.43	178	1242421	36.834	ng		99
71) Anthracene	11.49	178	1283252	37.406	ng		100
72) Carbazole	11.64	167	1243804	37.007	ng		100
73) Di-n-butylphthalate	11.96	149	1518536	37.195	ng		100
74) Fluoranthene	12.62	202	1255761	37.004	ng		99
76) Benzidine	12.74	184	234768	12.524	ng		98
77) Pyrene	12.85	202	1262794	39.483	ng		100
79) Butylbenzylphthalate	13.46	149	631663	41.431	ng		99
80) Benzo(a)anthracene	14.04	228	1000203	38.992	ng		100
81) 3,3'-Dichlorobenzidine	14.00	252	249084	26.189	ng		99
82) Chrysene	14.07	228	951125	36.783	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	807842	41.232	ng		100
84) Di-n-octyl phthalate	14.63	149	1242069	42.220	ng		98
85) Indeno(1,2,3-cd)pyrene	17.02	276	825535	38.494	ng		99
87) Benzo(b)fluoranthene	15.09	252	823993	38.965	ng		97
88) Benzo(k)fluoranthene	15.12	252	827710	40.964	ng		100
89) Benzo(a)pyrene	15.46	252	771578	40.535	ng		97
90) Dibenzo(a,h)anthracene	17.04	278	683241	44.223	ng		99
91) Benzo(g,h,i)perylene	17.47	276	709764	46.935	ng		97

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

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