Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
Data File : BF102273.D
Acq On : 20 Jan 2018 18:35
Operator : SJ/JU
Sample : J1228-26MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-5MSD

Manual Integrations APPROVED
Sohil
1/22/2018 5:25:57 PM

Quant Time: Jan 22 03:23:12 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 19 13:31:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	146323	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	595162	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	251181	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	377349	20.00	ng		0.00
75) Chrysene-d12	13.88	240	261899	20.00	ng		0.00
86) Perylene-d12	15.30	264	232884	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	983544	94.92	ng		0.01
7) Phenol-d6	6.37	99	1200919	97.14	ng		0.00
23) Nitrobenzene-d5	7.29	82	746375	73.69	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	215127	98.14	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1241533	77.22	ng		0.00
78) Terphenyl-d14	12.83	244	857885	68.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	144846	28.01	ng		93
3) Pyridine	3.16	79	381467	27.01	ng		96
4) n-Nitrosodimethylamine	3.12	42	200937	33.98	ng		98
6) Aniline	6.39	93	399930	22.95	ng	#	51
8) 2-Chlorophenol	6.51	128	380070	36.57	ng		97
9) Benzaldehyde	6.27	77	247429	28.82	ng		97
10) Phenol	6.38	94	499587	35.76	ng		76
11) bis(2-Chloroethyl)ether	6.46	93	356856	33.56	ng		98
12) 1,3-Dichlorobenzene	6.66	146	409557	34.19	ng		96
13) 1,4-Dichlorobenzene	6.74	146	414034	34.63	ng		98
14) 1,2-Dichlorobenzene	6.89	146	391612	35.39	ng		98
15) Benzyl Alcohol	6.87	79	308157	34.08	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	571994	29.18	ng		99
17) 2-Methylphenol	6.99	107	315879	33.69	ng		97
18) Hexachloroethane	7.23	117	123682	29.38	ng		92
19) n-Nitroso-di-n-propylamine	7.14	70	248016	30.61	ng		96
20) 3+4-Methylphenols	7.14	107	373946	33.22	ng	#	75
22) Acetophenone	7.13	105	507903	35.42	ng	#	91
24) Nitrobenzene	7.31	77	388566	35.70	ng		98
25) Isophorone	7.55	82	693643	34.66	ng		99
26) 2-Nitrophenol	7.62	139	193211	42.42	ng		99
27) 2,4-Dimethylphenol	7.66	122	334727	39.35	ng		100
28) bis(2-Chloroethoxy)methane	7.76	93	438640	36.30	ng		98
29) 2,4-Dichlorophenol	7.87	162	311319	38.54	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	304940	36.09	ng		98
31) Naphthalene	8.03	128	1061685	35.70	ng		99
32) Benzoic acid	7.77	122	83901	13.01	ng		98
33) 4-Chloroaniline	8.08	127	251449	19.81	ng		97
34) Hexachlorobutadiene	8.14	225	156488	34.99	ng		99
35) Caprolactam	8.45	113	105075m	37.89	ng		
36) 4-Chloro-3-methylphenol	8.57	107	329596	37.28	ng		99
37) 2-Methylnaphthalene	8.72	142	710486	36.29	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	275896	38.83	ng		98
40) Hexachlorocyclopentadiene	8.86	237	59799	15.39	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	191551	39.12	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	203943	36.85	ng		98
45) 1,1'-Biphenyl	9.18	154	811157	36.54	ng		99
46) 2-Chloronaphthalene	9.20	162	624744	36.29	ng		99
47) 2-Nitroaniline	9.31	65	209492	40.62	ng		95
48) Acenaphthylene	9.62	152	973425	35.63	ng		99
49) Dimethylphthalate	9.49	163	851926	42.28	ng		99
50) 2,6-Dinitrotoluene	9.55	165	154695	38.43	ng		96
51) Acenaphthene	9.79	154	543365	32.77	ng		100
52) 3-Nitroaniline	9.72	138	148282	29.19	ng		99
53) 2,4-Dinitrophenol	9.83	184	31118	26.70	ng	#	21
54) Dibenzofuran	9.96	168	805447	35.39	ng		98
55) 4-Nitrophenol	9.89	139	248631	65.68	ng		95
56) 2,4-Dinitrotoluene	9.95	165	190477	37.76	ng	#	96
57) Fluorene	10.30	166	604671	38.43	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	144677	36.72	ng		97
59) Diethylphthalate	10.18	149	687285	34.29	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	264845	39.53	ng		98
61) 4-Nitroaniline	10.33	138	166462	34.53	ng		90
62) Azobenzene	10.46	77	672593	33.73	ng		98
64) 4,6-Dinitro-2-methylphenol	10.36	198	24927	16.39	ng		93
65) n-Nitrosodiphenylamine	10.42	169	553413	39.17	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	158712	39.83	ng		96
67) Hexachlorobenzene	10.85	284	161457	37.11	ng		94
68) Atrazine	10.95	200	155800	38.15	ng		98
69) Pentachlorophenol	11.05	266	146644	55.28	ng		99
70) Phenanthrene	11.27	178	786772	35.69	ng		98
71) Anthracene	11.32	178	800681	35.82	ng		100
72) Carbazole	11.47	167	730077	33.23	ng		100
73) Di-n-butylphthalate	11.80	149	969585	35.97	ng		99
74) Fluoranthene	12.45	202	731586	33.73	ng		98
76) Benzidine	12.58	184	463880	36.68	ng		97
77) Pyrene	12.68	202	755397	32.63	ng		99
79) Butylbenzylphthalate	13.30	149	344295	32.41	ng		99
80) Benzo(a)anthracene	13.87	228	620532	37.14	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	227989	36.85	ng		98
82) Chrysene	13.90	228	612498	35.15	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	444358	36.46	ng		98
84) Di-n-octyl phthalate	14.47	149	792390	39.18	ng		99
85) Indeno(1,2,3-cd)pyrene	16.69	276	444577	35.06	ng		98
87) Benzo(b)fluoranthene	14.89	252	629607	41.46	ng		98
88) Benzo(k)fluoranthene	14.92	252	494076	33.73	ng		98
89) Benzo(a)pyrene	15.24	252	516824	37.82	ng	#	96
90) Dibenzo(a,h)anthracene	16.70	278	368233	33.77	ng		100
91) Benzo(g,h,i)perylene	17.10	276	362468	33.00	ng		96

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

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