Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
Data File : BF102832.D
Acq On : 7 Feb 2018 23:29
Operator : SJ/JU
Sample : J1471-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3N-15MS

Manual Integrations APPROVED
Sohil
2/8/2018 1:41:45 PM

Quant Time: Feb 08 08:41:51 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	6.89	152	191974	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	776190	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	322510	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	474344	20.00	ng		0.00
75) Chrysene-d12	14.06	240	328108	20.00	ng		0.00
86) Perylene-d12	15.54	264	275803	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1486430	117.59	ng		0.02
7) Phenol-d6	6.52	99	1812983	119.11	ng		0.02
23) Nitrobenzene-d5	7.45	82	1125817	100.62	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	318085	122.54	ng		0.01
44) 2-Fluorobiphenyl	9.25	172	1668559	85.85	ng		0.00
78) Terphenyl-d14	13.00	244	1234381	89.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	218158	34.941	ng		87
3) Pyridine	3.56	79	589577	34.178	ng		91
4) n-Nitrosodimethylamine	3.43	42	326632	44.255	ng		95
6) Aniline	6.60	93	88809m	3.951	ng		
8) 2-Chlorophenol	6.67	128	568250	43.665	ng		95
9) Benzaldehyde	6.43	77	179076	15.843	ng		99
10) Phenol	6.53	94	714109	43.779	ng		95
11) bis(2-Chloroethyl)ether	6.62	93	688494	50.725	ng		93
12) 1,3-Dichlorobenzene	6.83	146	587765	39.001	ng		99
13) 1,4-Dichlorobenzene	6.90	146	586063	39.039	ng		100
14) 1,2-Dichlorobenzene	7.06	146	546470	39.082	ng		99
15) Benzyl Alcohol	7.03	79	492345	42.074	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1000125	38.789	ng		98
17) 2-Methylphenol	7.14	107	497154	41.415	ng		99
18) Hexachloroethane	7.40	117	173951	33.791	ng		95
19) n-Nitroso-di-n-propylamine	7.30	70	389516	38.815	ng		96
20) 3+4-Methylphenols	7.29	107	563331	38.054	ng	#	69
22) Acetophenone	7.30	105	754617	39.729	ng	#	94
24) Nitrobenzene	7.47	77	602768	45.799	ng		98
25) Isophorone	7.71	82	1117688	43.381	ng		99
26) 2-Nitrophenol	7.79	139	297726	53.787	ng		96
27) 2,4-Dimethylphenol	7.82	122	505456	46.436	ng		100
28) bis(2-Chloroethoxy)methane	7.92	93	706576	46.295	ng		98
29) 2,4-Dichlorophenol	8.03	162	463082	46.799	ng		98
30) 1,2,4-Trichlorobenzene	8.11	180	452269	40.402	ng		100
31) Naphthalene	8.19	128	1550149	40.876	ng		99
32) Benzoic acid	7.91	122	103441	20.892	ng		97
33) 4-Chloroaniline	8.27	127	312045	19.101	ng		99
34) Hexachlorobutadiene	8.30	225	223558	38.973	ng		99
35) Caprolactam	8.62	113	160778m	46.786	ng		
36) 4-Chloro-3-methylphenol	8.72	107	499734	44.948	ng		97
37) 2-Methylnaphthalene	8.88	142	1007133	40.563	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	388744	44.269	ng		99
40) Hexachlorocyclopentadiene	9.03	237	47294	11.329	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	285157	49.439	ng		100
43) 2,4,5-Trichlorophenol	9.20	196	302599	46.547	ng		98
45) 1,1'-Biphenyl	9.35	154	1131188	41.643	ng		99
46) 2-Chloronaphthalene	9.37	162	899738	42.072	ng		98
47) 2-Nitroaniline	9.47	65	348480	52.460	ng		90
48) Acenaphthylene	9.79	152	1316445	39.634	ng		100
49) Dimethylphthalate	9.65	163	1198788	47.672	ng		99
50) 2,6-Dinitrotoluene	9.71	165	234608	49.038	ng		96
51) Acenaphthene	9.96	154	776438	39.088	ng		99
52) 3-Nitroaniline	9.88	138	202584	34.414	ng		91
53) 2,4-Dinitrophenol	9.98	184	33334	35.878	ng	#	19
54) Dibenzofuran	10.13	168	1140481	40.741	ng		98
55) 4-Nitrophenol	10.04	139	395219	81.612	ng		94
56) 2,4-Dinitrotoluene	10.12	165	292772	45.781	ng		92
57) Fluorene	10.47	166	827400	40.624	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	209554	46.509	ng		99
59) Diethylphthalate	10.35	149	1016662	40.945	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	379768	42.150	ng		97
61) 4-Nitroaniline	10.49	138	207210	36.980	ng		90
62) Azobenzene	10.63	77	945721	38.126	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	32136	23.174	ng		86
65) n-Nitrosodiphenylamine	10.59	169	774788	46.307	ng		99
66) 4-Bromophenyl-phenylether	10.96	248	231814	46.199	ng		92
67) Hexachlorobenzene	11.02	284	231797	41.875	ng		98
68) Atrazine	11.11	200	202266	40.978	ng		97
69) Pentachlorophenol	11.22	266	246796	75.951	ng		99
70) Phenanthrene	11.44	178	1083844	41.027	ng		99
71) Anthracene	11.49	178	1102016	41.014	ng		99
72) Carbazole	11.65	167	1065118	40.462	ng		100
73) Di-n-butylphthalate	11.97	149	1412728	44.180	ng		100
74) Fluoranthene	12.63	202	1037864	39.048	ng		98
76) Benzidine	12.75	184	644810	42.760	ng		98
77) Pyrene	12.86	202	1051664	40.875	ng		100
79) Butylbenzylphthalate	13.49	149	2489506	198.990	ng		98
80) Benzo(a)anthracene	14.04	228	900454	43.637	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	335885	43.901	ng	#	97
82) Chrysene	14.09	228	859419	41.316	ng		98
83) Bis(2-ethylhexyl)phthalate	14.03	149	752715	47.757	ng		100
84) Di-n-octyl phthalate	14.64	149	1288925	54.464	ng		99
85) Indeno(1,2,3-cd)pyrene	17.04	276	642616	37.249	ng		98
87) Benzo(b)fluoranthene	15.10	252	764283	42.742	ng		97
88) Benzo(k)fluoranthene	15.13	252	766745	44.877	ng		99
89) Benzo(a)pyrene	15.48	252	681503	42.342	ng		98
90) Dibenzo(a,h)anthracene	17.06	278	547620	41.918	ng		99
91) Benzo(g,h,i)perylene	17.50	276	518401	40.541	ng		99

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

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