Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
Data File : BF102211.D
Acq On : 19 Jan 2018 9:44
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/22/2018 5:23:42 PM

Quant Time: Jan 19 15:47:21 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	174602	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	707911	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	307670	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	490005	20.00	ng		0.00
75) Chrysene-d12	13.87	240	296484	20.00	ng		0.00
86) Perylene-d12	15.29	264	289048	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	896314	72.49	ng		0.00
7) Phenol-d6	6.37	99	1072232	72.68	ng		0.00
23) Nitrobenzene-d5	7.30	82	976660	81.07	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	219150	81.62	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1661544	84.37	ng		0.00
78) Terphenyl-d14	12.83	244	1106957	77.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	212580	34.450	ng		96
3) Pyridine	3.09	79	581150	34.487	ng		95
4) n-Nitrosodimethylamine	3.06	42	239166	33.892	ng		98
6) Aniline	6.39	93	732262	35.221	ng		99
8) 2-Chlorophenol	6.51	128	465543	37.540	ng		99
9) Benzaldehyde	6.27	77	325308	31.758	ng		96
10) Phenol	6.38	94	566705	33.991	ng		76
11) bis(2-Chloroethyl)ether	6.47	93	450893	35.532	ng		97
12) 1,3-Dichlorobenzene	6.66	146	553747	38.736	ng		100
13) 1,4-Dichlorobenzene	6.74	146	549086	38.492	ng		99
14) 1,2-Dichlorobenzene	6.90	146	505103	38.256	ng		98
15) Benzyl Alcohol	6.87	79	384678	35.647	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	746798	31.925	ng		99
17) 2-Methylphenol	6.99	107	414568	37.058	ng		98
18) Hexachloroethane	7.23	117	194781	38.776	ng		97
19) n-Nitroso-di-n-propylamine	7.15	70	334843	34.635	ng		97
20) 3+4-Methylphenols	7.14	107	474151	35.300	ng	#	69
22) Acetophenone	7.14	105	638414	37.429	ng	#	86
24) Nitrobenzene	7.32	77	501871	38.770	ng		98
25) Isophorone	7.55	82	881848	37.048	ng		99
26) 2-Nitrophenol	7.63	139	263538	48.641	ng		95
27) 2,4-Dimethylphenol	7.67	122	376697	37.228	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	528094	36.744	ng		99
29) 2,4-Dichlorophenol	7.87	162	381852	39.743	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	411354	40.931	ng		99
31) Naphthalene	8.03	128	1364592	38.577	ng		99
32) Benzoic acid	7.80	122	232144m	30.255	ng		
33) 4-Chloroaniline	8.08	127	575131	38.094	ng		99
34) Hexachlorobutadiene	8.15	225	221930	41.719	ng		99
35) Caprolactam	8.47	113	126222	38.268	ng		94
36) 4-Chloro-3-methylphenol	8.57	107	395331	37.589	ng		97
37) 2-Methylnaphthalene	8.72	142	897019	38.520	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	372876	42.838	ng		100
40) Hexachlorocyclopentadiene	8.87	237	177634	37.316	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	250512	41.765	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	276209	40.743	ng		99
45) 1,1'-Biphenyl	9.19	154	1066761	39.227	ng		99
46) 2-Chloronaphthalene	9.21	162	845089	40.074	ng		100
47) 2-Nitroaniline	9.31	65	263080	41.647	ng		96
48) Acenaphthylene	9.62	152	1282300	38.315	ng		99
49) Dimethylphthalate	9.49	163	989376	40.086	ng		100
50) 2,6-Dinitrotoluene	9.56	165	212437	43.089	ng		87
51) Acenaphthene	9.80	154	751293	36.986	ng		98
52) 3-Nitroaniline	9.72	138	236515	38.012	ng		97
53) 2,4-Dinitrophenol	9.83	184	50230	32.433	ng	#	19
54) Dibenzofuran	9.97	168	1050178	37.670	ng		100
55) 4-Nitrophenol	9.88	139	137797	29.717	ng		95
56) 2,4-Dinitrotoluene	9.96	165	261914	42.385	ng	#	97
57) Fluorene	10.31	166	806089	41.827	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	187884	38.928	ng		97
59) Diethylphthalate	10.19	149	916641	37.336	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	351422	42.823	ng		96
61) 4-Nitroaniline	10.33	138	209561	35.488	ng		95
62) Azobenzene	10.46	77	853141	34.926	ng		97
64) 4,6-Dinitro-2-methylphenol	10.36	198	100187	38.868	ng		93
65) n-Nitrosodiphenylamine	10.42	169	731053	39.842	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	221771	42.857	ng		91
67) Hexachlorobenzene	10.85	284	246045	43.554	ng		99
68) Atrazine	10.95	200	211946	39.969	ng		99
69) Pentachlorophenol	11.04	266	120075	34.857	ng		100
70) Phenanthrene	11.27	178	1098766	38.388	ng		99
71) Anthracene	11.32	178	1119613	38.569	ng		99
72) Carbazole	11.47	167	955131	33.475	ng		99
73) Di-n-butylphthalate	11.80	149	1339395	38.262	ng		99
74) Fluoranthene	12.45	202	976623	34.680	ng		98
76) Benzidine	12.57	184	514730	35.953	ng		100
77) Pyrene	12.68	202	982983	37.508	ng		100
79) Butylbenzylphthalate	13.30	149	465569	38.710	ng		99
80) Benzo(a)anthracene	13.87	228	721835	38.159	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	262737	37.512	ng		96
82) Chrysene	13.90	228	746810	37.862	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	614147	44.513	ng	#	99
84) Di-n-octyl phthalate	14.47	149	1000682	43.707	ng		100
85) Indeno(1,2,3-cd)pyrene	16.68	276	689162	48.004	ng		99
87) Benzo(b)fluoranthene	14.89	252	752048	39.903	ng		100
88) Benzo(k)fluoranthene	14.92	252	649149	35.705	ng		100
89) Benzo(a)pyrene	15.23	252	664459	39.179	ng		98
90) Dibenzo(a,h)anthracene	16.70	278	556504	41.119	ng		98
91) Benzo(g,h,i)perylene	17.10	276	561220	41.165	ng		98

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

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