Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
Data File : BF106575.D
Acq On : 19 Jun 2018 11:44
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
6/20/2018 4:58:05 PM

Quant Time: Jun 19 12:23:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 12:10:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	116163	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	471568	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	225909	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	452403	20.00	ng		0.00
75) Chrysene-d12	14.15	240	386467	20.00	ng		0.00
86) Perylene-d12	15.68	264	315216	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	531802	77.48	ng		0.00
7) Phenol-d6	6.61	99	658132	75.90	ng		0.00
23) Nitrobenzene-d5	7.53	82	646294	80.63	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	207218	95.33	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1084853	81.88	ng		0.00
78) Terphenyl-d14	13.08	244	1239475	79.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	138968	39.123	ng		98
3) Pyridine	3.61	79	375108	37.895	ng		99
4) n-Nitrosodimethylamine	3.58	42	162573	35.851	ng		90
6) Aniline	6.63	93	454426	35.889	ng		95
8) 2-Chlorophenol	6.75	128	292739	39.662	ng		96
9) Benzaldehyde	6.52	77	224814	34.181	ng		98
10) Phenol	6.62	94	377190	39.846	ng		76
11) bis(2-Chloroethyl)ether	6.70	93	312868	38.608	ng		99
12) 1,3-Dichlorobenzene	6.91	146	342291	39.404	ng		98
13) 1,4-Dichlorobenzene	6.98	146	343784	38.999	ng		97
14) 1,2-Dichlorobenzene	7.14	146	319407	38.490	ng		98
15) Benzyl Alcohol	7.11	79	270729	36.457	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	412175	35.482	ng		74
17) 2-Methylphenol	7.22	107	250118	37.982	ng		96
18) Hexachloroethane	7.47	117	121366	38.639	ng		98
19) n-Nitroso-di-n-propylamine	7.37	70	208375	32.031	ng		95
20) 3+4-Methylphenols	7.37	107	281870	33.471	ng	#	66
22) Acetophenone	7.37	105	405758	34.143	ng	#	91
24) Nitrobenzene	7.55	77	334090	38.346	ng		97
25) Isophorone	7.78	82	566724	36.196	ng		98
26) 2-Nitrophenol	7.86	139	162899	48.170	ng		94
27) 2,4-Dimethylphenol	7.90	122	246663	37.213	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	380212	37.451	ng		98
29) 2,4-Dichlorophenol	8.11	162	258467	40.419	ng		100
30) 1,2,4-Trichlorobenzene	8.18	180	279520	38.985	ng		97
31) Naphthalene	8.27	128	832362	39.046	ng		99
32) Benzoic acid	8.02	122	166874m	37.926	ng		
33) 4-Chloroaniline	8.32	127	351733	37.232	ng		99
34) Hexachlorobutadiene	8.38	225	183497	39.836	ng		99
35) Caprolactam	8.70	113	84891m	39.248	ng		
36) 4-Chloro-3-methylphenol	8.81	107	267193	37.774	ng		99
37) 2-Methylnaphthalene	8.96	142	553806	38.143	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	293415	40.009	ng		96
40) Hexachlorocyclopentadiene	9.11	237	156670	38.720	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	193942	41.498	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	206255	40.938	ng		94
45) 1,1'-Biphenyl	9.42	154	682913	39.029	ng		100
46) 2-Chloronaphthalene	9.45	162	538924	38.487	ng		97
47) 2-Nitroaniline	9.55	65	188217	42.728	ng		86
48) Acenaphthylene	9.87	152	849318	39.626	ng		98
49) Dimethylphthalate	9.72	163	637307	39.486	ng		100
50) 2,6-Dinitrotoluene	9.79	165	138704	42.072	ng		98
51) Acenaphthene	10.04	154	541744	39.139	ng		98
52) 3-Nitroaniline	9.97	138	161323	41.228	ng		98
53) 2,4-Dinitrophenol	10.07	184	65451	53.705	ng	#	19
54) Dibenzofuran	10.21	168	735042	39.436	ng		96
55) 4-Nitrophenol	10.14	139	116806	38.945	ng		95
56) 2,4-Dinitrotoluene	10.20	165	186949	45.156	ng	#	96
57) Fluorene	10.56	166	571791	38.719	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	164599	41.219	ng	#	84
59) Diethylphthalate	10.42	149	620153	38.712	ng		96
60) 4-Chlorophenyl-phenylether	10.54	204	304664	39.224	ng		93
61) 4-Nitroaniline	10.58	138	160154	42.067	ng		99
62) Azobenzene	10.71	77	614949	36.814	ng		95
64) 4,6-Dinitro-2-methylphenol	10.61	198	111783	50.558	ng	#	71
65) n-Nitrosodiphenylamine	10.67	169	572735	37.669	ng		95
66) 4-Bromophenyl-phenylether	11.04	248	205355	39.909	ng	#	86
67) Hexachlorobenzene	11.11	284	216315	40.777	ng	#	82
68) Atrazine	11.19	200	186052	39.707	ng		96
69) Pentachlorophenol	11.30	266	112953	34.584	ng		99
70) Phenanthrene	11.52	178	842025	38.005	ng		98
71) Anthracene	11.58	178	855624	38.548	ng		98
72) Carbazole	11.73	167	785002	38.308	ng		99
73) Di-n-butylphthalate	12.05	149	934061	40.956	ng		99
74) Fluoranthene	12.72	202	935453	39.591	ng		97
76) Benzidine	12.84	184	442455	34.400	ng		99
77) Pyrene	12.95	202	950958	39.304	ng		98
79) Butylbenzylphthalate	13.55	149	404367	44.648	ng	#	96
80) Benzo(a)anthracene	14.14	228	899348	39.105	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	317011	40.854	ng	#	95
82) Chrysene	14.18	228	809599	38.557	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	507311	39.066	ng		100
84) Di-n-octyl phthalate	14.74	149	831287	44.404	ng		98
85) Indeno(1,2,3-cd)pyrene	17.25	276	658835	39.315	ng	#	92
87) Benzo(b)fluoranthene	15.23	252	756985m	39.727	ng		
88) Benzo(k)fluoranthene	15.26	252	731389	38.757	ng	#	96
89) Benzo(a)pyrene	15.62	252	685108	39.974	ng	#	97
90) Dibenzo(a,h)anthracene	17.27	278	556823	38.970	ng	#	95
91) Benzo(g,h,i)perylene	17.73	276	542049	39.036	ng	#	91

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

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