Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
Data File : BF106574.D
Acq On : 19 Jun 2018 11:17
Operator : JU/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
6/20/2018 4:58:02 PM

Quant Time: Jun 19 12:20:17 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	116093	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	463957	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	226112	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	446428	20.00	ng		0.00
75) Chrysene-d12	14.15	240	401670	20.00	ng		0.00
86) Perylene-d12	15.69	264	346079	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	365493	53.28	ng		0.00
7) Phenol-d6	6.60	99	450956	52.04	ng		0.00
23) Nitrobenzene-d5	7.52	82	436858	55.39	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	139125	63.95	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	802125	60.49	ng		0.00
78) Terphenyl-d14	13.08	244	892404	55.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	89858	25.313	ng		97
3) Pyridine	3.61	79	245667	24.833	ng		98
4) n-Nitrosodimethylamine	3.57	42	103538	22.846	ng		92
6) Aniline	6.62	93	302542	23.908	ng	#	86
8) 2-Chlorophenol	6.75	128	198998	26.978	ng		98
9) Benzaldehyde	6.52	77	160466	24.412	ng		99
10) Phenol	6.62	94	259600	27.440	ng	#	69
11) bis(2-Chloroethyl)ether	6.70	93	207704	25.646	ng		99
12) 1,3-Dichlorobenzene	6.90	146	230433	26.543	ng		99
13) 1,4-Dichlorobenzene	6.98	146	231934	26.326	ng		100
14) 1,2-Dichlorobenzene	7.13	146	216578	26.114	ng		99
15) Benzyl Alcohol	7.10	79	184878	24.911	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	278422	23.982	ng		92
17) 2-Methylphenol	7.22	107	165480	25.145	ng		97
18) Hexachloroethane	7.47	117	82337	26.229	ng		97
19) n-Nitroso-di-n-propylamine	7.37	70	150184	23.100	ng		96
20) 3+4-Methylphenols	7.37	107	202771	24.093	ng	#	57
22) Acetophenone	7.37	105	286756	24.526	ng		95
24) Nitrobenzene	7.54	77	225112	26.262	ng		95
25) Isophorone	7.78	82	376297	24.428	ng		97
26) 2-Nitrophenol	7.86	139	105913	31.833	ng		99
27) 2,4-Dimethylphenol	7.90	122	161614	24.782	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	255291	25.559	ng		99
29) 2,4-Dichlorophenol	8.11	162	174277	27.701	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	188299	26.693	ng		95
31) Naphthalene	8.27	128	577326	27.527	ng		99
32) Benzoic acid	8.00	122	98108m	22.663	ng		
33) 4-Chloroaniline	8.31	127	237786	25.583	ng		97
34) Hexachlorobutadiene	8.38	225	124274	27.421	ng		99
35) Caprolactam	8.68	113	53847	25.304	ng		98
36) 4-Chloro-3-methylphenol	8.80	107	180225	25.897	ng		97
37) 2-Methylnaphthalene	8.96	142	381808	26.728	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	199117	27.127	ng		96
40) Hexachlorocyclopentadiene	9.11	237	98749	24.383	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	131751	28.165	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	138992	27.562	ng	#	91
45) 1,1'-Biphenyl	9.42	154	481109	27.471	ng		99
46) 2-Chloronaphthalene	9.45	162	373480	26.648	ng		97
47) 2-Nitroaniline	9.55	65	124652	28.272	ng		93
48) Acenaphthylene	9.87	152	598859	27.916	ng		99
49) Dimethylphthalate	9.72	163	436823	27.040	ng		100
50) 2,6-Dinitrotoluene	9.78	165	94570	28.659	ng		96
51) Acenaphthene	10.04	154	374019	26.997	ng		99
52) 3-Nitroaniline	9.96	138	107393	27.421	ng		98
53) 2,4-Dinitrophenol	10.06	184	38856	31.854	ng	#	19
54) Dibenzofuran	10.21	168	516484	27.685	ng		98
55) 4-Nitrophenol	10.14	139	76898	25.616	ng		96
56) 2,4-Dinitrotoluene	10.19	165	125131	30.197	ng	#	97
57) Fluorene	10.55	166	407239	27.552	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	111976	28.016	ng	#	83
59) Diethylphthalate	10.42	149	427729	26.676	ng		96
60) 4-Chlorophenyl-phenylether	10.54	204	210896	27.128	ng		91
61) 4-Nitroaniline	10.58	138	107930	28.324	ng		95
62) Azobenzene	10.71	77	427753	25.584	ng		92
64) 4,6-Dinitro-2-methylphenol	10.60	198	70456	32.293	ng	#	74
65) n-Nitrosodiphenylamine	10.67	169	399791	26.646	ng		94
66) 4-Bromophenyl-phenylether	11.04	248	141470	27.862	ng	#	83
67) Hexachlorobenzene	11.10	284	143949	27.499	ng	#	87
68) Atrazine	11.19	200	125542	27.152	ng		95
69) Pentachlorophenol	11.30	266	68224	21.169	ng		97
70) Phenanthrene	11.52	178	595513	27.238	ng		98
71) Anthracene	11.57	178	605596	27.649	ng		100
72) Carbazole	11.73	167	543558	26.881	ng		99
73) Di-n-butylphthalate	12.05	149	654790	29.095	ng		100
74) Fluoranthene	12.71	202	653838	28.042	ng		99
76) Benzidine	12.83	184	296007	22.143	ng		100
77) Pyrene	12.95	202	680871	27.076	ng		99
79) Butylbenzylphthalate	13.55	149	281504	29.905	ng	#	93
80) Benzo(a)anthracene	14.14	228	637672	26.677	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	233392	28.939	ng	#	94
82) Chrysene	14.18	228	586285	26.865	ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	369816	27.400	ng		100
84) Di-n-octyl phthalate	14.75	149	607829	31.239	ng		98
85) Indeno(1,2,3-cd)pyrene	17.26	276	447041	25.667	ng	#	93
87) Benzo(b)fluoranthene	15.24	252	578516	27.654	ng		97
88) Benzo(k)fluoranthene	15.27	252	516155	24.913	ng	#	97
89) Benzo(a)pyrene	15.62	252	492359	26.166	ng		98
90) Dibenzo(a,h)anthracene	17.28	278	383055	24.418	ng	#	95
91) Benzo(g,h,i)perylene	17.74	276	357557	23.453	ng	#	91

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

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