Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106760.D
Acq On : 25 Jun 2018 10:08
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/27/2018 10:55:26 AM

Quant Time: Jun 25 13:53:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 22 11:34:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	58012	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	236443	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	127093	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	258389	20.00	ng		0.00
75) Chrysene-d12	14.15	240	216584	20.00	ng		0.00
86) Perylene-d12	15.69	264	187904	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	252992	73.85	ng		0.00
7) Phenol-d6	6.61	99	315899	73.84	ng		0.00
23) Nitrobenzene-d5	7.53	82	305023	71.69	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	120307	81.67	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	577363	75.19	ng		0.00
78) Terphenyl-d14	13.08	244	704104	78.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	59927	34.024	ng		99
3) Pyridine	3.60	79	165543	34.656	ng		97
4) n-Nitrosodimethylamine	3.57	42	66667	32.860	ng		81
6) Aniline	6.63	93	213282	36.751	ng		99
8) 2-Chlorophenol	6.75	128	142979	38.050	ng		98
9) Benzaldehyde	6.52	77	102761	33.945	ng		96
10) Phenol	6.62	94	170819	34.985	ng		76
11) bis(2-Chloroethyl)ether	6.70	93	147188	36.516	ng		99
12) 1,3-Dichlorobenzene	6.90	146	168836	38.363	ng		98
13) 1,4-Dichlorobenzene	6.98	146	170188	38.249	ng		99
14) 1,2-Dichlorobenzene	7.13	146	157587	38.646	ng		98
15) Benzyl Alcohol	7.11	79	126579	36.846	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	183424	34.683	ng		65
17) 2-Methylphenol	7.22	107	127935	39.785	ng		94
18) Hexachloroethane	7.47	117	57912	37.012	ng	#	83
19) n-Nitroso-di-n-propylamine	7.37	70	101319	35.927	ng		94
20) 3+4-Methylphenols	7.37	107	138509	38.269	ng	#	65
22) Acetophenone	7.37	105	197459	37.328	ng	#	96
24) Nitrobenzene	7.55	77	154349	35.534	ng		98
25) Isophorone	7.78	82	268652	35.834	ng		99
26) 2-Nitrophenol	7.86	139	79810	38.921	ng		100
27) 2,4-Dimethylphenol	7.90	122	117747	37.151	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	186061	36.962	ng		99
29) 2,4-Dichlorophenol	8.11	162	129465	39.017	ng		95
30) 1,2,4-Trichlorobenzene	8.18	180	149620	40.931	ng		97
31) Naphthalene	8.27	128	422504	38.220	ng		99
32) Benzoic acid	8.02	122	69672m	32.344	ng		
33) 4-Chloroaniline	8.32	127	175516	37.840	ng		99
34) Hexachlorobutadiene	8.37	225	100412	42.157	ng		99
35) Caprolactam	8.70	113	41447	38.319	ng		94
36) 4-Chloro-3-methylphenol	8.81	107	132612	37.969	ng		94
37) 2-Methylnaphthalene	8.96	142	297793	40.642	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	163470	38.193	ng	#	96
40) Hexachlorocyclopentadiene	9.11	237	95811	43.509	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	96397	33.882 ng		90
43) 2,4,5-Trichlorophenol	9.29	196	104643m	35.248 ng		
45) 1,1'-Biphenyl	9.42	154	375173	37.041 ng		98
46) 2-Chloronaphthalene	9.45	162	274527	34.433 ng		93
47) 2-Nitroaniline	9.55	65	86874	32.404 ng		94
48) Acenaphthylene	9.87	152	439849	34.944 ng		99
49) Dimethylphthalate	9.72	163	338889	35.552 ng		98
50) 2,6-Dinitrotoluene	9.79	165	77454	38.373 ng		89
51) Acenaphthene	10.04	154	274583	34.642 ng		97
52) 3-Nitroaniline	9.97	138	82508	35.522 ng		95
53) 2,4-Dinitrophenol	10.07	184	53618	53.026 ng	#	17
54) Dibenzofuran	10.21	168	410480	37.819 ng		96
55) 4-Nitrophenol	10.14	139	58920	36.342 ng		96
56) 2,4-Dinitrotoluene	10.20	165	101702	38.602 ng		89
57) Fluorene	10.55	166	322836	37.483 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	87156	36.932 ng	#	79
59) Diethylphthalate	10.42	149	320604	34.848 ng	#	93
60) 4-Chlorophenyl-phenylether	10.54	204	174408	38.702 ng	#	85
61) 4-Nitroaniline	10.58	138	82666	35.861 ng		95
62) Azobenzene	10.70	77	293056	32.347 ng		95
64) 4,6-Dinitro-2-methylphenol	10.61	198	60028	37.583 ng		77
65) n-Nitrosodiphenylamine	10.67	169	298071	34.296 ng		100
66) 4-Bromophenyl-phenylether	11.03	248	117955	38.251 ng	#	83
67) Hexachlorobenzene	11.10	284	124737	38.648 ng	#	87
68) Atrazine	11.19	200	104162	37.700 ng		94
69) Pentachlorophenol	11.30	266	62754	38.967 ng		98
70) Phenanthrene	11.52	178	474126	38.044 ng		98
71) Anthracene	11.57	178	485064	38.132 ng		100
72) Carbazole	11.73	167	439625	36.913 ng		99
73) Di-n-butylphthalate	12.04	149	505606	36.036 ng		99
74) Fluoranthene	12.71	202	535267	38.967 ng		96
76) Benzidine	12.83	184	241281	39.117 ng		99
77) Pyrene	12.95	202	541427	37.909 ng		100
79) Butylbenzylphthalate	13.55	149	207754	35.380 ng	#	94
80) Benzo(a)anthracene	14.14	228	486281	36.839 ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	166125	35.808 ng	#	97
82) Chrysene	14.18	228	452300	37.245 ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	247736	32.999 ng	#	96
84) Di-n-octyl phthalate	14.74	149	426702	34.869 ng		95
85) Indeno(1,2,3-cd)pyrene	17.28	276	404778	39.277 ng	#	90
87) Benzo(b)fluoranthene	15.24	252	418001	35.811 ng	#	96
88) Benzo(k)fluoranthene	15.27	252	418722	37.669 ng	#	96
89) Benzo(a)pyrene	15.64	252	383211	36.930 ng	#	96
90) Dibenzo(a,h)anthracene	17.29	278	340538	38.724 ng	#	93
91) Benzo(g,h,i)perylene	17.76	276	333873	38.843 ng	#	90

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

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