Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
Data File : BF108594.D
Acq On : 29 Aug 2018 10:29
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/30/2018 12:18:19 PM

Quant Time: Aug 29 11:49:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	111597	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	449749	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	230323	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	468482	20.00	ng		0.00
75) Chrysene-d12	14.20	240	361451	20.00	ng		0.00
86) Perylene-d12	15.75	264	274922	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	517821	84.01	ng		0.00
7) Phenol-d6	6.63	99	698652	85.29	ng		0.00
23) Nitrobenzene-d5	7.57	82	693939	86.10	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	218582	95.14	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1338871	93.33	ng		0.00
78) Terphenyl-d14	13.12	244	1344268	94.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	116382	36.745	ng		91
3) Pyridine	3.67	79	297150	36.420	ng		86
4) n-Nitrosodimethylamine	3.64	42	151112m	32.915	ng		
6) Aniline	6.67	93	445060	39.945	ng	#	89
8) 2-Chlorophenol	6.79	128	303260	43.683	ng		96
9) Benzaldehyde	6.56	77	257196	40.499	ng		96
10) Phenol	6.65	94	374517	44.202	ng		89
11) bis(2-Chloroethyl)ether	6.74	93	319479	46.640	ng		96
12) 1,3-Dichlorobenzene	6.94	146	345079	42.989	ng		98
13) 1,4-Dichlorobenzene	7.02	146	370238	45.906	ng		98
14) 1,2-Dichlorobenzene	7.17	146	337634	45.007	ng		98
15) Benzyl Alcohol	7.14	79	262788	38.109	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.27	45	544265	38.569	ng		84
17) 2-Methylphenol	7.25	107	251517	42.247	ng	#	92
18) Hexachloroethane	7.51	117	124877	43.492	ng		95
19) n-Nitroso-di-n-propylamine	7.41	70	226343	40.862	ng		92
20) 3+4-Methylphenols	7.40	107	323887	42.453	ng	#	83
22) Acetophenone	7.41	105	446509	42.459	ng	#	91
24) Nitrobenzene	7.59	77	345391	42.378	ng		97
25) Isophorone	7.82	82	601148	39.131	ng		97
26) 2-Nitrophenol	7.90	139	153086	49.737	ng		91
27) 2,4-Dimethylphenol	7.93	122	275039	40.339	ng		95
28) bis(2-Chloroethoxy)methane	8.02	93	369910	41.247	ng		99
29) 2,4-Dichlorophenol	8.14	162	277374	44.206	ng		99
30) 1,2,4-Trichlorobenzene	8.22	180	296005	42.788	ng		97
31) Naphthalene	8.31	128	878700	42.961	ng		99
32) Benzoic acid	8.06	122	126744	34.021	ng		92
33) 4-Chloroaniline	8.36	127	381677	42.820	ng		99
34) Hexachlorobutadiene	8.41	225	189446	43.258	ng		99
35) Caprolactam	8.74	113	76857	39.087	ng	#	82
36) 4-Chloro-3-methylphenol	8.84	107	286666	42.350	ng		99
37) 2-Methylnaphthalene	9.00	142	610873	42.213	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	318712	45.060	ng		98
40) Hexachlorocyclopentadiene	9.14	237	170849	37.397	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	189513	43.178 ng		97
43) 2,4,5-Trichlorophenol	9.32	196	215800	44.664 ng	#	93
45) 1,1'-Biphenyl	9.46	154	747194	44.000 ng		99
46) 2-Chloronaphthalene	9.49	162	582648	43.411 ng		98
47) 2-Nitroaniline	9.60	65	196940	45.349 ng		90
48) Acenaphthylene	9.91	152	926969	43.686 ng		100
49) Dimethylphthalate	9.76	163	686934	42.816 ng	#	99
50) 2,6-Dinitrotoluene	9.83	165	152049	45.297 ng		98
51) Acenaphthene	10.08	154	521409	40.120 ng		99
52) 3-Nitroaniline	10.01	138	161847	44.068 ng		92
53) 2,4-Dinitrophenol	10.11	184	46946	41.112 ng	#	29
54) Dibenzofuran	10.25	168	813386	43.199 ng		97
55) 4-Nitrophenol	10.17	139	103052	37.054 ng		82
56) 2,4-Dinitrotoluene	10.24	165	201833	46.713 ng	#	96
57) Fluorene	10.60	166	659782	44.265 ng		98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	194304	48.114 ng	#	82
59) Diethylphthalate	10.45	149	671551	43.226 ng		97
60) 4-Chlorophenyl-phenylether	10.58	204	334815	43.109 ng		93
61) 4-Nitroaniline	10.63	138	151149	41.627 ng		91
62) Azobenzene	10.75	77	674329	42.029 ng		92
64) 4,6-Dinitro-2-methylphenol	10.65	198	74158	42.814 ng		92
65) n-Nitrosodiphenylamine	10.71	169	589890	42.610 ng		96
66) 4-Bromophenyl-phenylether	11.08	248	215967	42.420 ng	#	87
67) Hexachlorobenzene	11.15	284	229533	42.850 ng	#	86
68) Atrazine	11.22	200	200549	43.190 ng		99
69) Pentachlorophenol	11.35	266	92310	36.003 ng		97
70) Phenanthrene	11.57	178	962723	43.569 ng		99
71) Anthracene	11.62	178	998796	44.102 ng		100
72) Carbazole	11.78	167	869813	43.228 ng		99
73) Di-n-butylphthalate	12.08	149	1041757	45.708 ng		99
74) Fluoranthene	12.77	202	1063579	44.103 ng		94
76) Benzidine	12.88	184	579264	42.894 ng		99
77) Pyrene	12.99	202	1050515	45.907 ng		99
79) Butylbenzylphthalate	13.59	149	428581	47.166 ng	#	95
80) Benzo(a)anthracene	14.19	228	899438	43.360 ng		99
81) 3,3'-Dichlorobenzidine	14.15	252	313500	42.171 ng	#	97
82) Chrysene	14.22	228	833009	43.802 ng		100
83) Bis(2-ethylhexyl)phthalate	14.14	149	552035	44.862 ng		99
84) Di-n-octyl phthalate	14.77	149	855107	45.566 ng		97
85) Indeno(1,2,3-cd)pyrene	17.38	276	636277	38.614 ng	#	90
87) Benzo(b)fluoranthene	15.28	252	722476	43.979 ng	#	96
88) Benzo(k)fluoranthene	15.32	252	662260	43.855 ng	#	96
89) Benzo(a)pyrene	15.69	252	642774	43.695 ng	#	96
90) Dibenzo(a,h)anthracene	17.38	278	539356	44.313 ng	#	93
91) Benzo(g,h,i)perylene	17.87	276	530710	44.281 ng	#	89

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

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