Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107289.D
Acq On : 10 Jul 2018 23:32
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
7/11/2018 11:23:08 AM

Quant Time: Jul 11 02:09:52 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 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	23393	20.00	ng		-0.02
21) Naphthalene-d8	8.22	136	85407	20.00	ng		-0.02
38) Acenaphthene-d10	9.98	164	41271	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	90306	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	73193	20.00	ng		-0.03
86) Perylene-d12	15.67	264	55358	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	118874	86.05	ng		-0.02
7) Phenol-d6	6.59	99	133177	77.19	ng		-0.02
23) Nitrobenzene-d5	7.51	82	116154	75.58	ng		-0.03
41) 2,4,6-Tribromophenol	10.78	330	38720	80.95	ng		-0.02
44) 2-Fluorobiphenyl	9.30	172	220143	91.40	ng		-0.03
78) Terphenyl-d14	13.07	244	300145	99.33	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	28990	40.817	ng		98
3) Pyridine	3.54	79	73779	38.303	ng		97
4) n-Nitrosodimethylamine	3.50	42	29383	35.916	ng		82
6) Aniline	6.61	93	90584	38.707	ng	#	83
8) 2-Chlorophenol	6.74	128	59697	39.398	ng		96
9) Benzaldehyde	6.50	77	41065	33.539	ng		99
10) Phenol	6.60	94	74707	37.944	ng	#	59
11) bis(2-Chloroethyl)ether	6.67	93	61533	37.857	ng		98
12) 1,3-Dichlorobenzene	6.88	146	70214	39.564	ng		96
13) 1,4-Dichlorobenzene	6.96	146	71089	39.621	ng		96
14) 1,2-Dichlorobenzene	7.11	146	65830	40.035	ng		97
15) Benzyl Alcohol	7.08	79	44972	32.464	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	75190	35.257	ng	#	11
17) 2-Methylphenol	7.20	107	49938	38.512	ng	#	92
18) Hexachloroethane	7.44	117	13047	20.678	ng		94
19) n-Nitroso-di-n-propylamine	7.34	70	42863	37.691	ng		97
20) 3+4-Methylphenols	7.35	107	62322	44.338	ng	#	75
22) Acetophenone	7.35	105	82936	43.405	ng	#	98
24) Nitrobenzene	7.52	77	58473	37.267	ng		96
25) Isophorone	7.76	82	98789	36.479	ng		99
26) 2-Nitrophenol	7.84	139	17970	24.261	ng		98
27) 2,4-Dimethylphenol	7.88	122	44345	38.734	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	71327	39.227	ng		98
29) 2,4-Dichlorophenol	8.10	162	46690	38.954	ng		93
30) 1,2,4-Trichlorobenzene	8.17	180	54156	41.015	ng		96
31) Naphthalene	8.25	128	157247	39.380	ng		99
32) Benzoic acid	7.99	122	13222m	19.713	ng		
33) 4-Chloroaniline	8.30	127	63323	37.794	ng		99
34) Hexachlorobutadiene	8.35	225	37558	43.654	ng		96
35) Caprolactam	8.67	113	13724	35.126	ng		100
36) 4-Chloro-3-methylphenol	8.79	107	45835	36.331	ng		98
37) 2-Methylnaphthalene	8.94	142	109527	41.383	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	57155	41.122	ng	#	95
42) 2,4,6-Trichlorophenol	9.22	196	32765	35.465	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.28	196	33405m	34.651	ng		
45) 1,1'-Biphenyl	9.40	154	135640	41.239	ng		97
46) 2-Chloronaphthalene	9.43	162	96258	37.180	ng		94
47) 2-Nitroaniline	9.53	65	34556	39.692	ng		90
48) Acenaphthylene	9.85	152	154107	37.702	ng		100
49) Dimethylphthalate	9.69	163	113133	36.549	ng		98
50) 2,6-Dinitrotoluene	9.77	165	17265	26.340	ng	#	82
51) Acenaphthene	10.02	154	98292	38.187	ng		97
52) 3-Nitroaniline	9.95	138	32849	43.552	ng		95
54) Dibenzofuran	10.19	168	144103	40.886	ng		95
55) 4-Nitrophenol	10.14	139	10672	20.270	ng		95
56) 2,4-Dinitrotoluene	10.18	165	19000	22.208	ng	#	93
57) Fluorene	10.54	166	119222	42.628	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	27156	35.437	ng	#	79
59) Diethylphthalate	10.39	149	112975	37.815	ng	#	94
60) 4-Chlorophenyl-phenylether	10.52	204	61335	41.913	ng	#	85
61) 4-Nitroaniline	10.57	138	36768	49.119	ng		93
62) Azobenzene	10.68	77	97032	32.982	ng		91
65) n-Nitrosodiphenylamine	10.64	169	104828	34.512	ng		99
66) 4-Bromophenyl-phenylether	11.01	248	40531	37.607	ng	#	78
67) Hexachlorobenzene	11.09	284	43155	38.257	ng	#	82
68) Atrazine	11.17	200	30774	31.870	ng		94
69) Pentachlorophenol	11.30	266	6863	12.194	ng		99
70) Phenanthrene	11.51	178	180558	41.454	ng		98
71) Anthracene	11.56	178	185015	41.615	ng		98
72) Carbazole	11.72	167	168327	40.440	ng		97
73) Di-n-butylphthalate	12.02	149	189275	38.599	ng		99
74) Fluoranthene	12.70	202	209972	43.737	ng		96
76) Benzidine	12.82	184	104971	50.357	ng		98
77) Pyrene	12.94	202	208806	43.262	ng		99
79) Butylbenzylphthalate	13.53	149	84596	42.630	ng	#	89
80) Benzo(a)anthracene	14.12	228	169651	38.031	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	67451	43.022	ng	#	94
82) Chrysene	14.17	228	156927	38.238	ng		98
83) Bis(2-ethylhexyl)phthalate	14.08	149	109773	43.268	ng	#	97
84) Di-n-octyl phthalate	14.69	149	178764	43.227	ng		96
85) Indeno(1,2,3-cd)pyrene	17.27	276	126732	36.388	ng	#	90
87) Benzo(b)fluoranthene	15.21	252	133294	38.762	ng	#	97
88) Benzo(k)fluoranthene	15.25	252	126959	38.769	ng	#	94
89) Benzo(a)pyrene	15.61	252	116117	37.984	ng	#	97
90) Dibenzo(a,h)anthracene	17.27	278	108374	41.830	ng	#	94
91) Benzo(g,h,i)perylene	17.75	276	101269	39.991	ng	#	91

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

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