Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106666.D
Acq On : 21 Jun 2018 17:41
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/22/2018 10:23:07 AM

Quant Time: Jun 21 18:10:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 21 16:55:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	71575	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	293596	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	152681	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	300706	20.00	ng		0.00
75) Chrysene-d12	14.15	240	231137	20.00	ng		0.00
86) Perylene-d12	15.69	264	188658	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	318125	75.26	ng		0.00
7) Phenol-d6	6.61	99	396019	75.02	ng		0.00
23) Nitrobenzene-d5	7.53	82	383063	72.51	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	139839	79.02	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	696204	75.54	ng		0.00
78) Terphenyl-d14	13.08	244	809183	84.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	77652	35.733	ng		97
3) Pyridine	3.60	79	217665	36.933	ng		95
4) n-Nitrosodimethylamine	3.57	42	86612	34.601	ng		87
6) Aniline	6.63	93	264204	36.898	ng		98
8) 2-Chlorophenol	6.75	128	176575	38.087	ng		99
9) Benzaldehyde	6.52	77	132601	36.066	ng		97
10) Phenol	6.62	94	221034	36.691	ng		75
11) bis(2-Chloroethyl)ether	6.70	93	188321	37.867	ng		99
12) 1,3-Dichlorobenzene	6.90	146	208537	38.405	ng		99
13) 1,4-Dichlorobenzene	6.98	146	212826	38.768	ng		98
14) 1,2-Dichlorobenzene	7.14	146	195647	38.888	ng		96
15) Benzyl Alcohol	7.11	79	159762	37.693	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	239559m	36.714	ng		
17) 2-Methylphenol	7.22	107	151588	38.208	ng		96
18) Hexachloroethane	7.47	117	73475	38.060	ng		89
19) n-Nitroso-di-n-propylamine	7.37	70	126607	36.387	ng		95
20) 3+4-Methylphenols	7.37	107	172134	38.634	ng	#	68
22) Acetophenone	7.37	105	245310	37.347	ng	#	93
24) Nitrobenzene	7.55	77	195296	36.208	ng		100
25) Isophorone	7.78	82	337299	36.232	ng		99
26) 2-Nitrophenol	7.86	139	96541	37.915	ng		96
27) 2,4-Dimethylphenol	7.90	122	146251	37.161	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	234270	37.480	ng		99
29) 2,4-Dichlorophenol	8.11	162	158516	38.472	ng		94
30) 1,2,4-Trichlorobenzene	8.18	180	183434	40.413	ng		97
31) Naphthalene	8.27	128	516277	37.612	ng		100
32) Benzoic acid	8.02	122	85126m	31.917	ng		
33) 4-Chloroaniline	8.32	127	214719	37.280	ng		99
34) Hexachlorobutadiene	8.38	225	123761	41.845	ng		98
35) Caprolactam	8.70	113	49147	36.592	ng		94
36) 4-Chloro-3-methylphenol	8.81	107	163632	37.730	ng		94
37) 2-Methylnaphthalene	8.96	142	364766	40.092	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	196371	38.191	ng	#	96
40) Hexachlorocyclopentadiene	9.11	237	93491	35.340	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	119879	35.074	ng		92
43) 2,4,5-Trichlorophenol	9.29	196	125315	35.137	ng	#	88
45) 1,1'-Biphenyl	9.42	154	453839	37.298	ng		99
46) 2-Chloronaphthalene	9.45	162	332916	34.759	ng		94
47) 2-Nitroaniline	9.55	65	108679	33.743	ng		89
48) Acenaphthylene	9.87	152	526892	34.844	ng		100
49) Dimethylphthalate	9.72	163	397736	34.733	ng		98
50) 2,6-Dinitrotoluene	9.79	165	91170	37.598	ng		90
51) Acenaphthene	10.04	154	332456	34.914	ng		98
52) 3-Nitroaniline	9.97	138	97721	35.021	ng		96
53) 2,4-Dinitrophenol	10.07	184	36887	32.653	ng	#	21
54) Dibenzofuran	10.21	168	498607	38.240	ng		96
55) 4-Nitrophenol	10.14	139	76136	39.090	ng		95
56) 2,4-Dinitrotoluene	10.20	165	121269	38.314	ng	#	86
57) Fluorene	10.55	166	384931	37.203	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	108732	38.353	ng	#	80
59) Diethylphthalate	10.42	149	378533	34.249	ng	#	93
60) 4-Chlorophenyl-phenylether	10.54	204	204507	37.776	ng	#	87
61) 4-Nitroaniline	10.58	138	96237	34.752	ng		93
62) Azobenzene	10.70	77	366453	33.669	ng		97
64) 4,6-Dinitro-2-methylphenol	10.61	198	70877	38.131	ng	#	70
65) n-Nitrosodiphenylamine	10.67	169	349740	34.579	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	140418	39.127	ng	#	79
67) Hexachlorobenzene	11.10	284	147663	39.312	ng	#	87
68) Atrazine	11.19	200	120155	37.369	ng		93
69) Pentachlorophenol	11.30	266	64959	34.660	ng		98
70) Phenanthrene	11.52	178	553458	38.160	ng		99
71) Anthracene	11.58	178	567725	38.350	ng		100
72) Carbazole	11.73	167	506907	36.573	ng		98
73) Di-n-butylphthalate	12.04	149	585529	35.859	ng		99
74) Fluoranthene	12.71	202	606269	37.925	ng		97
76) Benzidine	12.84	184	260639	39.594	ng		99
77) Pyrene	12.95	202	615234	40.365	ng		99
79) Butylbenzylphthalate	13.55	149	233536	37.266	ng	#	96
80) Benzo(a)anthracene	14.14	228	523734	37.178	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	179759	36.307	ng	#	95
82) Chrysene	14.18	228	484199	37.361	ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	291501	36.384	ng	#	95
84) Di-n-octyl phthalate	14.74	149	462746	35.434	ng		97
85) Indeno(1,2,3-cd)pyrene	17.27	276	430170	39.112	ng	#	90
87) Benzo(b)fluoranthene	15.24	252	435526	37.163	ng	#	96
88) Benzo(k)fluoranthene	15.27	252	425063	38.087	ng	#	96
89) Benzo(a)pyrene	15.62	252	390551	37.487	ng	#	97
90) Dibenzo(a,h)anthracene	17.28	278	364010	41.227	ng	#	93
91) Benzo(g,h,i)perylene	17.74	276	358351	41.524	ng	#	91

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

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