Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106487.D
Acq On : 15 Jun 2018 13:09
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/18/2018 10:38:13 AM

Quant Time: Jun 16 05:42:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 15 11:11:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	120731	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	503236	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	236839	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	462407	20.00	ng		0.00
75) Chrysene-d12	14.15	240	385508	20.00	ng		0.00
86) Perylene-d12	15.69	264	308934	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	580257	81.34	ng		0.00
7) Phenol-d6	6.61	99	694076	77.01	ng		0.00
23) Nitrobenzene-d5	7.53	82	700750	81.92	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	198260	87.00	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1149031	86.70	ng		0.00
78) Terphenyl-d14	13.08	244	1253806	80.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	144203	39.061	ng		97
3) Pyridine	3.60	79	404524	39.321	ng		100
4) n-Nitrosodimethylamine	3.57	42	179798	38.150	ng		97
6) Aniline	6.63	93	483483	36.739	ng	#	79
8) 2-Chlorophenol	6.76	128	310189	40.437	ng		98
9) Benzaldehyde	6.52	77	261892	38.311	ng		97
10) Phenol	6.62	94	403852	41.048	ng	#	62
11) bis(2-Chloroethyl)ether	6.70	93	335857	39.876	ng		96
12) 1,3-Dichlorobenzene	6.91	146	359261	39.792	ng		98
13) 1,4-Dichlorobenzene	6.98	146	365663	39.911	ng		99
14) 1,2-Dichlorobenzene	7.14	146	337774	39.163	ng		98
15) Benzyl Alcohol	7.11	79	298047	38.617	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	446009	36.942	ng		77
17) 2-Methylphenol	7.22	107	266786	38.981	ng	#	94
18) Hexachloroethane	7.48	117	129284	39.603	ng		97
19) n-Nitroso-di-n-propylamine	7.37	70	231125	34.183	ng		95
20) 3+4-Methylphenols	7.38	107	313126	35.776	ng	#	66
22) Acetophenone	7.38	105	447219	35.264	ng	#	92
24) Nitrobenzene	7.55	77	362684	39.008	ng		94
25) Isophorone	7.78	82	607955	36.386	ng		98
26) 2-Nitrophenol	7.87	139	167589	46.438	ng		99
27) 2,4-Dimethylphenol	7.90	122	261720	37.000	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	412874	38.109	ng		98
29) 2,4-Dichlorophenol	8.11	162	273909	40.139	ng		100
30) 1,2,4-Trichlorobenzene	8.19	180	294260	38.458	ng		96
31) Naphthalene	8.27	128	900728	39.594	ng		98
32) Benzoic acid	8.02	122	151925m	31.987	ng		
33) 4-Chloroaniline	8.32	127	379619	37.655	ng		96
34) Hexachlorobutadiene	8.38	225	192830	39.228	ng		98
35) Caprolactam	8.70	113	88319	38.263	ng		96
36) 4-Chloro-3-methylphenol	8.81	107	289837	38.397	ng		97
37) 2-Methylnaphthalene	8.97	142	591082	38.148	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	306064	39.808	ng		97
40) Hexachlorocyclopentadiene	9.11	237	165114	38.924	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	203293	41.491	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	220728	41.788	ng		95
45) 1,1'-Biphenyl	9.42	154	722283	39.374	ng		98
46) 2-Chloronaphthalene	9.45	162	571626	38.938	ng		98
47) 2-Nitroaniline	9.55	65	200894	43.501	ng		96
48) Acenaphthylene	9.87	152	905962	40.319	ng		98
49) Dimethylphthalate	9.72	163	661773	39.110	ng		99
50) 2,6-Dinitrotoluene	9.79	165	143554	41.533	ng		94
51) Acenaphthene	10.04	154	570091	39.286	ng		99
52) 3-Nitroaniline	9.97	138	170578	41.581	ng		99
53) 2,4-Dinitrophenol	10.07	184	61153	43.001	ng	#	21
54) Dibenzofuran	10.21	168	778183	39.824	ng		96
55) 4-Nitrophenol	10.14	139	125719	39.982	ng		91
56) 2,4-Dinitrotoluene	10.20	165	193049	44.478	ng		95
57) Fluorene	10.56	166	604134	39.021	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	168319	40.206	ng	#	85
59) Diethylphthalate	10.42	149	645273	38.421	ng		96
60) 4-Chlorophenyl-phenylether	10.55	204	314777	38.656	ng		91
61) 4-Nitroaniline	10.58	138	167940	42.077	ng		98
62) Azobenzene	10.71	77	656509	37.488	ng		97
64) 4,6-Dinitro-2-methylphenol	10.60	198	105898	43.181	ng		94
65) n-Nitrosodiphenylamine	10.67	169	600165	38.619	ng		96
66) 4-Bromophenyl-phenylether	11.04	248	208783	39.698	ng	#	81
67) Hexachlorobenzene	11.11	284	217968	40.200	ng	#	86
68) Atrazine	11.19	200	190493	39.775	ng		98
69) Pentachlorophenol	11.30	266	108939	32.634	ng		98
70) Phenanthrene	11.52	178	879414	38.833	ng		98
71) Anthracene	11.58	178	894348	39.421	ng		99
72) Carbazole	11.74	167	820114	39.156	ng		99
73) Di-n-butylphthalate	12.05	149	942380	40.427	ng		98
74) Fluoranthene	12.72	202	954608	39.527	ng		98
76) Benzidine	12.84	184	486849	37.945	ng		99
77) Pyrene	12.95	202	985956	40.851	ng		98
79) Butylbenzylphthalate	13.55	149	408527	45.219	ng		97
80) Benzo(a)anthracene	14.14	228	895227	39.022	ng		98
81) 3,3'-Dichlorobenzidine	14.11	252	320638	41.424	ng	#	96
82) Chrysene	14.18	228	827707	39.517	ng		98
83) Bis(2-ethylhexyl)phthalate	14.11	149	531268	41.013	ng		100
84) Di-n-octyl phthalate	14.75	149	851358	45.589	ng		99
85) Indeno(1,2,3-cd)pyrene	17.27	276	687449	41.124	ng	#	93
87) Benzo(b)fluoranthene	15.24	252	735458m	39.383	ng		
88) Benzo(k)fluoranthene	15.27	252	733536	39.662	ng	#	97
89) Benzo(a)pyrene	15.63	252	666766	39.695	ng		97
90) Dibenzo(a,h)anthracene	17.28	278	572974	40.916	ng		94
91) Benzo(g,h,i)perylene	17.74	276	559891	41.141	ng	#	92

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

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