Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107828.D
Acq On : 31 Jul 2018 4:21
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/31/2018 5:01:31 PM

Quant Time: Jul 31 16:03:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	178700	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	742920	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	295785	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	523246	20.00	ng		0.00
75) Chrysene-d12	14.15	240	423595	20.00	ng		0.00
86) Perylene-d12	15.69	264	400771	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	822481	78.22	ng		0.00
7) Phenol-d6	6.61	99	1036805	74.82	ng		0.00
23) Nitrobenzene-d5	7.54	82	973747	75.51	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	251781	62.65	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1767367	83.26	ng		0.00
78) Terphenyl-d14	13.08	244	1406251	71.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	176576	37.267	ng	#	84
3) Pyridine	3.59	79	446326	37.703	ng		86
4) n-Nitrosodimethylamine	3.57	42	175678m	32.838	ng		
6) Aniline	6.64	93	576412	39.991	ng	#	73
8) 2-Chlorophenol	6.76	128	492730	37.306	ng		98
9) Benzaldehyde	6.52	77	286370	34.251	ng		98
10) Phenol	6.62	94	540797	32.725	ng		79
11) bis(2-Chloroethyl)ether	6.70	93	569615m	38.764	ng		
12) 1,3-Dichlorobenzene	6.91	146	513891	37.097	ng		99
13) 1,4-Dichlorobenzene	6.98	146	587607	38.106	ng		99
14) 1,2-Dichlorobenzene	7.14	146	523796	36.593	ng		98
15) Benzyl Alcohol	7.11	79	333113	38.675	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	787696	37.283	ng		69
17) 2-Methylphenol	7.22	107	377003	38.667	ng	#	81
18) Hexachloroethane	7.47	117	164225	29.629	ng		96
19) n-Nitroso-di-n-propylamine	7.37	70	334779	38.084	ng		99
20) 3+4-Methylphenols	7.38	107	457122	38.188	ng	#	61
22) Acetophenone	7.38	105	669234	37.442	ng	#	89
24) Nitrobenzene	7.55	77	495590	36.651	ng		99
25) Isophorone	7.78	82	804978	38.028	ng		98
26) 2-Nitrophenol	7.87	139	246256	36.288	ng		97
27) 2,4-Dimethylphenol	7.90	122	344807	37.951	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	580145	41.587	ng		98
29) 2,4-Dichlorophenol	8.11	162	392287	38.171	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	435197	37.120	ng		99
31) Naphthalene	8.27	128	1338237	38.751	ng		99
32) Benzoic acid	8.02	122	195128m	32.248	ng		
33) 4-Chloroaniline	8.32	127	546620	37.057	ng		99
34) Hexachlorobutadiene	8.37	225	262063	36.171	ng		99
35) Caprolactam	8.70	113	113970	36.838	ng	#	79
36) 4-Chloro-3-methylphenol	8.81	107	406998	36.465	ng		98
37) 2-Methylnaphthalene	8.96	142	822139	37.900	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	415236	41.174	ng	#	97
40) Hexachlorocyclopentadiene	9.10	237	28270	13.323	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	239382	42.937	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	261454	38.954	ng		95
45) 1,1'-Biphenyl	9.42	154	1128007	41.905	ng		98
46) 2-Chloronaphthalene	9.45	162	830425	40.910	ng		98
47) 2-Nitroaniline	9.56	65	279959	42.401	ng		91
48) Acenaphthylene	9.87	152	1194403	37.954	ng		99
49) Dimethylphthalate	9.72	163	911750	41.045	ng		99
50) 2,6-Dinitrotoluene	9.79	165	185913	38.512	ng	#	87
51) Acenaphthene	10.04	154	712556	38.979	ng		100
52) 3-Nitroaniline	9.98	138	244605	40.210	ng		100
53) 2,4-Dinitrophenol	10.11	184	12200	12.729	ng	#	72
54) Dibenzofuran	10.21	168	1067374	37.777	ng		100
55) 4-Nitrophenol	10.18	139	47881	24.090	ng		92
56) 2,4-Dinitrotoluene	10.20	165	217072	34.212	ng	#	94
57) Fluorene	10.56	166	778926	35.473	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.34	232	208309m	33.790	ng		
59) Diethylphthalate	10.41	149	912657	38.213	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	438764	36.679	ng		92
61) 4-Nitroaniline	10.60	138	211365	39.153	ng		95
62) Azobenzene	10.71	77	833064	37.452	ng		94
64) 4,6-Dinitro-2-methylphenol	10.61	198	35290	12.397	ng		85
65) n-Nitrosodiphenylamine	10.67	169	744887	43.234	ng		98
66) 4-Bromophenyl-phenylether	11.04	248	237100	38.877	ng	#	89
67) Hexachlorobenzene	11.11	284	252413	37.323	ng	#	85
68) Atrazine	11.19	200	196485	38.532	ng		95
69) Pentachlorophenol	11.31	266	106781	32.074	ng		97
70) Phenanthrene	11.52	178	941964	37.913	ng		98
71) Anthracene	11.58	178	1103132	38.494	ng		99
72) Carbazole	11.74	167	1083858	38.272	ng		98
73) Di-n-butylphthalate	12.04	149	1245252	40.305	ng		100
74) Fluoranthene	12.72	202	1051616	36.029	ng		98
76) Benzidine	12.85	184	550012	40.159	ng		97
77) Pyrene	12.95	202	1074342	35.222	ng		98
79) Butylbenzylphthalate	13.55	149	478917	35.854	ng		96
80) Benzo(a)anthracene	14.14	228	901928	37.588	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	378088	40.648	ng		99
82) Chrysene	14.18	228	980142	37.871	ng		100
83) Bis(2-ethylhexyl)phthalate	14.10	149	615978	36.683	ng		99
84) Di-n-octyl phthalate	14.72	149	1116912	41.439	ng		99
85) Indeno(1,2,3-cd)pyrene	17.28	276	784281	39.840	ng		95
87) Benzo(b)fluoranthene	15.23	252	788613	39.897	ng		98
88) Benzo(k)fluoranthene	15.26	252	848645	34.970	ng		98
89) Benzo(a)pyrene	15.62	252	743677	36.445	ng		99
90) Dibenzo(a,h)anthracene	17.28	278	671140	37.706	ng		98
91) Benzo(g,h,i)perylene	17.75	276	630527	36.610	ng		93

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

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