Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106525.D
Acq On : 18 Jun 2018 9:04
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/19/2018 5:59:28 PM

Quant Time: Jun 19 09:38:16 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	124002	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	503953	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	250511	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	500456	20.00	ng		0.00
75) Chrysene-d12	14.16	240	419117	20.00	ng		0.00
86) Perylene-d12	15.70	264	325467	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	567181	77.41	ng		0.00
7) Phenol-d6	6.61	99	694058	74.98	ng		0.00
23) Nitrobenzene-d5	7.54	82	695219	81.16	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	224006	92.94	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1169270	81.95	ng		0.00
78) Terphenyl-d14	13.09	244	1337377	79.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	141212	37.242	ng		96
3) Pyridine	3.60	79	391486	37.050	ng		98
4) n-Nitrosodimethylamine	3.57	42	172894	35.717	ng		94
6) Aniline	6.64	93	477823	35.351	ng		95
8) 2-Chlorophenol	6.76	128	309756	39.315	ng		96
9) Benzaldehyde	6.52	77	253425	36.095	ng		99
10) Phenol	6.62	94	402268	39.808	ng		72
11) bis(2-Chloroethyl)ether	6.70	93	335318	38.762	ng		96
12) 1,3-Dichlorobenzene	6.91	146	363847	39.237	ng		97
13) 1,4-Dichlorobenzene	6.98	146	366163	38.912	ng		100
14) 1,2-Dichlorobenzene	7.14	146	339782	38.357	ng		97
15) Benzyl Alcohol	7.11	79	299279	37.754	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	443943m	35.801	ng		
17) 2-Methylphenol	7.22	107	263471	37.481	ng	#	95
18) Hexachloroethane	7.48	117	132215	39.432	ng		96
19) n-Nitroso-di-n-propylamine	7.38	70	232605	33.495	ng		95
20) 3+4-Methylphenols	7.38	107	310102	34.496	ng	#	65
22) Acetophenone	7.38	105	439072	34.572	ng	#	93
24) Nitrobenzene	7.55	77	359974	38.662	ng		98
25) Isophorone	7.79	82	620549	37.087	ng		98
26) 2-Nitrophenol	7.87	139	171078	47.337	ng		96
27) 2,4-Dimethylphenol	7.90	122	265756	37.517	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	419021	38.621	ng		98
29) 2,4-Dichlorophenol	8.11	162	277693	40.635	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	299134	39.039	ng		97
31) Naphthalene	8.28	128	898689	39.448	ng		99
32) Benzoic acid	8.02	122	153773m	32.252	ng		
33) 4-Chloroaniline	8.32	127	388417	38.473	ng		97
34) Hexachlorobutadiene	8.38	225	198160	40.255	ng		99
35) Caprolactam	8.70	113	91171	39.443	ng		89
36) 4-Chloro-3-methylphenol	8.81	107	293517	38.829	ng		99
37) 2-Methylnaphthalene	8.97	142	604221	38.941	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	317199	39.005	ng		97
40) Hexachlorocyclopentadiene	9.11	237	175643	39.146	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	213898	41.273	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	227118	40.652	ng		94
45) 1,1'-Biphenyl	9.43	154	747710	38.535	ng		99
46) 2-Chloronaphthalene	9.46	162	594229	38.269	ng		96
47) 2-Nitroaniline	9.55	65	208156	42.613	ng		92
48) Acenaphthylene	9.88	152	934381	39.314	ng		99
49) Dimethylphthalate	9.73	163	725328	40.527	ng		99
50) 2,6-Dinitrotoluene	9.80	165	153524	41.994	ng		99
51) Acenaphthene	10.05	154	566552	36.911	ng		98
52) 3-Nitroaniline	9.97	138	184164	42.443	ng		96
53) 2,4-Dinitrophenol	10.07	184	66356	43.890	ng	#	19
54) Dibenzofuran	10.22	168	812490	39.310	ng		97
55) 4-Nitrophenol	10.15	139	124676	37.486	ng		98
56) 2,4-Dinitrotoluene	10.20	165	208790	45.479	ng		91
57) Fluorene	10.56	166	640294	39.100	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	177825	40.158	ng	#	84
59) Diethylphthalate	10.42	149	694211	39.079	ng		95
60) 4-Chlorophenyl-phenylether	10.55	204	343345	39.863	ng		91
61) 4-Nitroaniline	10.58	138	180376	42.726	ng		98
62) Azobenzene	10.71	77	692405	37.380	ng		95
64) 4,6-Dinitro-2-methylphenol	10.61	198	120106	44.949	ng		92
65) n-Nitrosodiphenylamine	10.67	169	626884	37.271	ng		96
66) 4-Bromophenyl-phenylether	11.04	248	230386	40.475	ng	#	83
67) Hexachlorobenzene	11.11	284	240801	41.034	ng	#	84
68) Atrazine	11.20	200	213260	41.144	ng		96
69) Pentachlorophenol	11.31	266	124645	34.500	ng		99
70) Phenanthrene	11.53	178	934605	38.133	ng		98
71) Anthracene	11.58	178	949307	38.662	ng		98
72) Carbazole	11.74	167	872801	38.503	ng		98
73) Di-n-butylphthalate	12.05	149	1070538	42.433	ng		99
74) Fluoranthene	12.72	202	1019439	39.002	ng		98
76) Benzidine	12.84	184	526889	37.773	ng		99
77) Pyrene	12.95	202	1063363	40.526	ng		98
79) Butylbenzylphthalate	13.56	149	458317	46.662	ng	#	96
80) Benzo(a)anthracene	14.15	228	969960	38.890	ng		98
81) 3,3'-Dichlorobenzidine	14.11	252	343544	40.824	ng	#	97
82) Chrysene	14.19	228	873336	38.352	ng		98
83) Bis(2-ethylhexyl)phthalate	14.12	149	581170	41.267	ng	#	99
84) Di-n-octyl phthalate	14.75	149	916366	45.135	ng		99
85) Indeno(1,2,3-cd)pyrene	17.28	276	696183	38.307	ng	#	92
87) Benzo(b)fluoranthene	15.25	252	776979m	39.492	ng		
88) Benzo(k)fluoranthene	15.28	252	776220	39.837	ng	#	96
89) Benzo(a)pyrene	15.64	252	701037	39.615	ng		97
90) Dibenzo(a,h)anthracene	17.29	278	589780	39.976	ng	#	95
91) Benzo(g,h,i)perylene	17.75	276	573889	40.027	ng	#	92

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

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