Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108232.D
Acq On : 17 Aug 2018 10:04
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/20/2018 12:48:12 PM

Quant Time: Aug 17 11:31:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	241787	20.00	ng		0.00
21) Naphthalene-d8	8.31	136	927955	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	468061	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	901820	20.00	ng		0.00
75) Chrysene-d12	14.22	240	624235	20.00	ng		0.00
86) Perylene-d12	15.78	264	475051	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	1029534	77.09	ng		0.01
7) Phenol-d6	6.64	99	1387457	78.18	ng		0.01
23) Nitrobenzene-d5	7.59	82	1323768	79.60	ng		0.01
41) 2,4,6-Tribromophenol	10.86	330	390841	83.71	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2269817	77.86	ng		0.00
78) Terphenyl-d14	13.15	244	2125437	86.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	253361	36.921	ng		91
3) Pyridine	3.69	79	662746	37.491	ng		86
4) n-Nitrosodimethylamine	3.67	42	352859	35.474	ng		85
6) Aniline	6.69	93	952721	39.467	ng		98
8) 2-Chlorophenol	6.81	128	593602	39.465	ng		97
9) Benzaldehyde	6.58	77	504348	36.654	ng		99
10) Phenol	6.65	94	716244	39.017	ng		88
11) bis(2-Chloroethyl)ether	6.75	93	577922	38.941	ng		92
12) 1,3-Dichlorobenzene	6.96	146	679449	39.067	ng		98
13) 1,4-Dichlorobenzene	7.04	146	673221	38.527	ng		99
14) 1,2-Dichlorobenzene	7.19	146	624499	38.422	ng		99
15) Benzyl Alcohol	7.16	79	568980	38.084	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.28	45	1117994	36.567	ng		97
17) 2-Methylphenol	7.26	107	498785	38.669	ng		95
18) Hexachloroethane	7.53	117	246503	39.625	ng		94
19) n-Nitroso-di-n-propylamine	7.43	70	440096	36.671	ng		91
20) 3+4-Methylphenols	7.42	107	619103	37.454	ng	#	81
22) Acetophenone	7.43	105	823171	37.938	ng	#	94
24) Nitrobenzene	7.61	77	666903	39.659	ng		97
25) Isophorone	7.84	82	1215885	38.360	ng		97
26) 2-Nitrophenol	7.92	139	280668	44.196	ng		92
27) 2,4-Dimethylphenol	7.94	122	547733	38.935	ng		96
28) bis(2-Chloroethoxy)methane	8.04	93	716864	38.742	ng		99
29) 2,4-Dichlorophenol	8.15	162	521540	40.285	ng		99
30) 1,2,4-Trichlorobenzene	8.24	180	556645	38.998	ng		97
31) Naphthalene	8.33	128	1642563	38.922	ng		98
32) Benzoic acid	8.07	122	282705	36.294	ng		98
33) 4-Chloroaniline	8.37	127	711043	38.662	ng		97
34) Hexachlorobutadiene	8.44	225	352142	38.971	ng		98
35) Caprolactam	8.75	113	157199	38.747	ng	#	74
36) 4-Chloro-3-methylphenol	8.85	107	536199	38.393	ng		99
37) 2-Methylnaphthalene	9.02	142	1127279	37.755	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	574093	39.941	ng		98
40) Hexachlorocyclopentadiene	9.17	237	337678	36.372	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	378695	42.457	ng		99
43) 2,4,5-Trichlorophenol	9.33	196	399074	40.644	ng		97
45) 1,1'-Biphenyl	9.48	154	1351468	39.161	ng		99
46) 2-Chloronaphthalene	9.51	162	1065009	39.046	ng		97
47) 2-Nitroaniline	9.61	65	368374	41.741	ng		93
48) Acenaphthylene	9.93	152	1682437	39.017	ng		97
49) Dimethylphthalate	9.78	163	1255429	38.505	ng	#	98
50) 2,6-Dinitrotoluene	9.85	165	273246	40.057	ng		99
51) Acenaphthene	10.10	154	1036209	39.234	ng		99
52) 3-Nitroaniline	10.02	138	303336	40.642	ng		95
53) 2,4-Dinitrophenol	10.12	184	102559	43.669	ng	#	21
54) Dibenzofuran	10.27	168	1469840	38.413	ng		94
55) 4-Nitrophenol	10.17	139	223978	39.630	ng		92
56) 2,4-Dinitrotoluene	10.25	165	364918	41.560	ng	#	99
57) Fluorene	10.62	166	1161633	38.350	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.39	232	338479	41.244	ng	#	86
59) Diethylphthalate	10.48	149	1182343	37.449	ng		95
60) 4-Chlorophenyl-phenylether	10.60	204	603452	38.233	ng		94
61) 4-Nitroaniline	10.64	138	303591	41.142	ng		96
62) Azobenzene	10.77	77	1211313	37.151	ng		92
64) 4,6-Dinitro-2-methylphenol	10.67	198	137652	41.476	ng		83
65) n-Nitrosodiphenylamine	10.72	169	1057453	39.680	ng		97
66) 4-Bromophenyl-phenylether	11.09	248	389853	39.779	ng		90
67) Hexachlorobenzene	11.17	284	409324	39.696	ng	#	90
68) Atrazine	11.25	200	356138	39.843	ng		96
69) Pentachlorophenol	11.36	266	202005	40.929	ng		99
70) Phenanthrene	11.59	178	1663789	39.115	ng		98
71) Anthracene	11.64	178	1720691	39.469	ng		98
72) Carbazole	11.79	167	1503385	38.813	ng		98
73) Di-n-butylphthalate	12.11	149	1754724	39.995	ng		98
74) Fluoranthene	12.78	202	1794890	38.664	ng		96
76) Benzidine	12.90	184	1019569	43.715	ng		99
77) Pyrene	13.02	202	1774548	44.902	ng		98
79) Butylbenzylphthalate	13.61	149	709519	45.213	ng		95
80) Benzo(a)anthracene	14.21	228	1423762	39.742	ng		99
81) 3,3'-Dichlorobenzidine	14.16	252	498473	38.826	ng	#	98
82) Chrysene	14.25	228	1300533	39.597	ng		99
83) Bis(2-ethylhexyl)phthalate	14.17	149	846675	39.841	ng		99
84) Di-n-octyl phthalate	14.79	149	1268604	39.142	ng		96
85) Indeno(1,2,3-cd)pyrene	17.41	276	1166513	40.991	ng	#	91
87) Benzo(b)fluoranthene	15.31	252	1143009	40.266	ng		96
88) Benzo(k)fluoranthene	15.34	252	982843	37.666	ng	#	96
89) Benzo(a)pyrene	15.71	252	1009803	39.726	ng	#	96
90) Dibenzo(a,h)anthracene	17.42	278	959997	45.645	ng	#	93
91) Benzo(g,h,i)perylene	17.91	276	991768m	47.889	ng		

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

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