Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110455.D
Acq On : 5 Nov 2018 10:44
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/6/2018 9:00:50 AM

Quant Time: Nov 05 11:22:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	87810	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	368058	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	170065	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	317564	20.00	ng		0.00
76) Chrysene-d12	14.14	240	227836	20.00	ng		0.00
87) Perylene-d12	15.66	264	168915	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	438364	81.30	ng		0.00
7) Phenol-d6	6.58	99	547617	79.40	ng		0.00
23) Nitrobenzene-d5	7.52	82	515169	83.02	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	137869	81.84	ng		0.00
45) 2-Fluorobiphenyl	9.32	172	951073	87.82	ng		0.00
79) Terphenyl-d14	13.07	244	958850	87.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	107472	38.041	ng		91
3) Pyridine	3.59	79	241535	38.385	ng	#	85
4) n-Nitrosodimethylamine	3.55	42	103932	39.424	ng		89
6) Aniline	6.62	93	348265	38.763	ng	#	54
8) 2-Chlorophenol	6.75	128	254471	40.933	ng		97
9) Benzaldehyde	6.51	77	147946	35.858	ng		98
10) Phenol	6.60	94	317380	43.049	ng	#	64
11) bis(2-Chloroethyl)ether	6.69	93	235655	38.852	ng		96
12) 1,3-Dichlorobenzene	6.90	146	274769	40.162	ng		97
13) 1,4-Dichlorobenzene	6.97	146	279951	40.460	ng		98
14) 1,2-Dichlorobenzene	7.13	146	259752	40.439	ng		99
15) Benzyl Alcohol	7.10	79	211841	39.935	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.22	45	378831	39.063	ng		70
17) 2-Methylphenol	7.20	107	195776	39.514	ng	#	82
18) Hexachloroethane	7.46	117	104151	41.114	ng		93
19) n-Nitroso-di-n-propylamine	7.36	70	173554	39.223	ng		95
20) 3+4-Methylphenols	7.36	107	248819	38.852	ng		94
22) Acetophenone	7.37	105	342798	40.420	ng		98
24) Nitrobenzene	7.54	77	260854	40.717	ng		96
25) Isophorone	7.77	82	412980	39.043	ng		97
26) 2-Nitrophenol	7.86	139	132084	43.325	ng		94
27) 2,4-Dimethylphenol	7.89	122	196516	38.879	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	282516	39.316	ng		99
29) 2,4-Dichlorophenol	8.10	162	206649	40.468	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	231054	40.395	ng		98
31) Naphthalene	8.26	128	680187	40.097	ng		99
32) Benzoic acid	8.01	122	140630	35.998	ng		95
33) 4-Chloroaniline	8.31	127	303123	39.704	ng		99
34) Hexachlorobutadiene	8.37	225	132681	41.777	ng		99
35) Caprolactam	8.69	113	67297	37.811	ng		92
36) 4-Chloro-3-methylphenol	8.79	107	222028	40.208	ng		99
37) 2-Methylnaphthalene	8.95	142	449819	40.078	ng		99
38) 1-Methylnaphthalene	9.05	142	432605	39.886	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	221079	41.722	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	111715	41.231	ng		100
43) 2,4,6-Trichlorophenol	9.23	196	140041	40.975	ng		96
44) 2,4,5-Trichlorophenol	9.27	196	146287	40.493	ng		97
46) 1,1'-Biphenyl	9.42	154	644359	41.899	ng		100
47) 2-Chloronaphthalene	9.45	162	465334	41.250	ng		99
48) 2-Nitroaniline	9.55	65	143611	42.010	ng		92
49) Acenaphthylene	9.86	152	663504	40.722	ng		98
50) Dimethylphthalate	9.71	163	504990	40.226	ng		100
51) 2,6-Dinitrotoluene	9.79	165	114929	42.501	ng		86
52) Acenaphthene	10.03	154	414487	38.453	ng		98
53) 3-Nitroaniline	9.96	138	128826	40.061	ng		94
54) 2,4-Dinitrophenol	10.07	184	39605	39.691	ng		89
55) Dibenzofuran	10.20	168	613812	40.673	ng		98
56) 4-Nitrophenol	10.12	139	87364	36.707	ng		95
57) 2,4-Dinitrotoluene	10.19	165	147885	43.056	ng		91
58) Fluorene	10.55	166	463462	41.263	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	115160	39.109	ng		92
60) Diethylphthalate	10.41	149	504385	41.159	ng		99
61) 4-Chlorophenyl-phenylether	10.53	204	243191	41.044	ng		97
62) 4-Nitroaniline	10.57	138	129036	40.344	ng		92
63) Azobenzene	10.70	77	490255	40.304	ng		96
65) 4,6-Dinitro-2-methylphenol	10.60	198	62568	43.125	ng		94
66) n-Nitrosodiphenylamine	10.66	169	434983	41.761	ng		98
67) 4-Bromophenyl-phenylether	11.03	248	139927	40.622	ng		93
68) Hexachlorobenzene	11.10	284	148985	40.763	ng	#	89
69) Atrazine	11.18	200	130032	39.503	ng		99
70) Pentachlorophenol	11.29	266	80395	37.723	ng		95
71) Phenanthrene	11.52	178	680829	40.973	ng		99
72) Anthracene	11.57	178	689060	41.372	ng		98
73) Carbazole	11.72	167	667001	41.016	ng		100
74) Di-n-butylphthalate	12.03	149	777637	42.340	ng		99
75) Fluoranthene	12.71	202	670905	39.784	ng		99
77) Benzidine	12.83	184	260111	37.828	ng		98
78) Pyrene	12.94	202	703211	43.052	ng		99
80) Butylbenzylphthalate	13.54	149	303930	42.870	ng		93
81) Benzo(a)anthracene	14.13	228	546284	40.432	ng		99
82) 3,3'-Dichlorobenzidine	14.09	252	179180	38.084	ng		99
83) Chrysene	14.17	228	516717	40.265	ng		99
84) Bis(2-ethylhexyl)phthalate	14.09	149	385849	40.261	ng		97
85) Di-n-octyl phthalate	14.70	149	588911	39.519	ng		99
86) Indeno(1,2,3-cd)pyrene	17.23	276	379733	35.669	ng		97
88) Benzo(b)fluoranthene	15.21	252	395491	40.546	ng		100
89) Benzo(k)fluoranthene	15.24	252	396163m	41.313	ng		
90) Benzo(a)pyrene	15.60	252	363322	40.479	ng		98
91) Dibenzo(a,h)anthracene	17.24	278	316995	40.932	ng		99
92) Benzo(g,h,i)perylene	17.71	276	313966	41.141	ng		98

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

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