Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111485.D
Acq On : 15 Dec 2018 23:28
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/17/2018 3:12:28 PM

Quant Time: Dec 16 02:50:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	135500	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	491348	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	183226	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	322880	20.00	ng		0.00
76) Chrysene-d12	13.96	240	318140	20.00	ng		0.00
87) Perylene-d12	15.39	264	216413	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	725515	89.10	ng		0.00
7) Phenol-d6	6.44	99	862710	79.65	ng		0.00
23) Nitrobenzene-d5	7.36	82	733835	88.94	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	134163	81.74	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1181782	99.63	ng		0.00
79) Terphenyl-d14	12.90	244	1087312	80.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	164001	41.701	ng		94
3) Pyridine	3.20	79	423262	42.852	ng		95
4) n-Nitrosodimethylamine	3.14	42	191739	42.737	ng		88
6) Aniline	6.46	93	531779	39.580	ng	#	82
8) 2-Chlorophenol	6.59	128	397555	40.862	ng		94
9) Benzaldehyde	6.34	77	253201	38.541	ng		98
10) Phenol	6.45	94	479588	39.748	ng		77
11) bis(2-Chloroethyl)ether	6.53	93	382200	40.408	ng		99
12) 1,3-Dichlorobenzene	6.74	146	436749	40.780	ng		98
13) 1,4-Dichlorobenzene	6.82	146	444075	40.851	ng		98
14) 1,2-Dichlorobenzene	6.97	146	409476	40.039	ng		98
15) Benzyl Alcohol	6.94	79	312835	37.959	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	728586	39.452	ng		99
17) 2-Methylphenol	7.06	107	292917	37.409	ng		98
18) Hexachloroethane	7.31	117	136520	33.745	ng		96
19) n-Nitroso-di-n-propylamine	7.21	70	257206	35.994	ng		94
20) 3+4-Methylphenols	7.21	107	366835	37.349	ng	#	79
22) Acetophenone	7.20	105	504518	45.997	ng	#	92
24) Nitrobenzene	7.37	77	367410	43.650	ng		98
25) Isophorone	7.62	82	563090	40.332	ng		100
26) 2-Nitrophenol	7.69	139	130873	29.981	ng		99
27) 2,4-Dimethylphenol	7.73	122	267799	42.318	ng		95
28) bis(2-Chloroethoxy)methane	7.83	93	415814	43.143	ng		97
29) 2,4-Dichlorophenol	7.94	162	262782	38.900	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	299098	42.294	ng		97
31) Naphthalene	8.10	128	942046	40.992	ng		97
32) Benzoic acid	7.86	122	61466m	11.240	ng		
33) 4-Chloroaniline	8.15	127	400764	39.217	ng		99
34) Hexachlorobutadiene	8.22	225	172655	44.315	ng		97
35) Caprolactam	8.50	113	77933	31.072	ng		97
36) 4-Chloro-3-methylphenol	8.63	107	251381	33.807	ng		97
37) 2-Methylnaphthalene	8.79	142	563608	36.243	ng		99
38) 1-Methylnaphthalene	8.89	142	533786	35.530	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	246536	49.064	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	8209	3.182	ng		92
43) 2,4,6-Trichlorophenol	9.07	196	145649	40.955	ng		98
44) 2,4,5-Trichlorophenol	9.12	196	150565	39.786	ng		97
46) 1,1'-Biphenyl	9.26	154	716186	46.131	ng		92
47) 2-Chloronaphthalene	9.28	162	533637	45.220	ng		93
48) 2-Nitroaniline	9.37	65	163945	42.787	ng		98
49) Acenaphthylene	9.69	152	737494	42.103	ng		95
50) Dimethylphthalate	9.55	163	568511	43.083	ng		97
51) 2,6-Dinitrotoluene	9.61	165	111747	37.623	ng		93
52) Acenaphthene	9.86	154	436797	39.453	ng		98
53) 3-Nitroaniline	9.78	138	151455	41.981	ng		93
55) Dibenzofuran	10.03	168	664182	41.329	ng		97
56) 4-Nitrophenol	9.95	139	95725	38.341	ng		97
57) 2,4-Dinitrotoluene	10.02	165	131056	33.618	ng		97
58) Fluorene	10.38	166	478689	41.067	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	111262	37.629	ng		99
60) Diethylphthalate	10.25	149	563395	42.150	ng		96
61) 4-Chlorophenyl-phenylether	10.37	204	235194	41.241	ng		96
62) 4-Nitroaniline	10.39	138	153021	42.846	ng		92
63) Azobenzene	10.53	77	506301	38.422	ng		96
66) n-Nitrosodiphenylamine	10.49	169	451243	40.527	ng		97
67) 4-Bromophenyl-phenylether	10.86	248	138905	39.915	ng		95
68) Hexachlorobenzene	10.93	284	143483	40.083	ng		98
69) Atrazine	11.02	200	120959	37.590	ng		95
70) Pentachlorophenol	11.12	266	71990	32.788	ng		99
71) Phenanthrene	11.34	178	706606	42.471	ng		94
72) Anthracene	11.39	178	746819	43.892	ng		94
73) Carbazole	11.55	167	800396	45.490	ng		95
74) Di-n-butylphthalate	11.88	149	872858	44.544	ng	#	95
75) Fluoranthene	12.53	202	829836	50.984	ng		96
77) Benzidine	12.65	184	482435	41.252	ng		97
78) Pyrene	12.76	202	888270	39.602	ng		95
80) Butylbenzylphthalate	13.37	149	438495	40.107	ng		92
81) Benzo(a)anthracene	13.94	228	711378	41.124	ng		97
82) 3,3'-Dichlorobenzidine	13.90	252	298715	42.478	ng		97
83) Chrysene	13.98	228	727489	39.921	ng		97
84) Bis(2-ethylhexyl)phthalate	13.94	149	616773	44.168	ng		98
85) Di-n-octyl phthalate	14.55	149	1102878	46.823	ng		99
86) Indeno(1,2,3-cd)pyrene	16.82	276	451084	34.298	ng		96
88) Benzo(b)fluoranthene	14.98	252	524550	41.574	ng		98
89) Benzo(k)fluoranthene	15.01	252	530364	43.992	ng		98
90) Benzo(a)pyrene	15.33	252	471208	41.415	ng	#	96
91) Dibenzo(a,h)anthracene	16.83	278	386100	43.019	ng		96
92) Benzo(g,h,i)perylene	17.24	276	377023	42.796	ng		94

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

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