Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114246.D
Acq On : 13 May 2019 23:40
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
5/14/2019 8:03:32 PM

Quant Time: May 14 08:09:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	179256	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	705347	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	321318	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	573560	20.00	ng		0.01
76) Chrysene-d12	14.02	240	391879	20.00	ng		0.00
87) Perylene-d12	15.49	264	402014	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	889300	79.84	ng		0.00
7) Phenol-d6	6.50	99	1090731	82.79	ng		0.01
23) Nitrobenzene-d5	7.42	82	1034180	82.28	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	243466	73.29	ng		0.01
45) 2-Fluorobiphenyl	9.21	172	1716607	80.81	ng		0.00
79) Terphenyl-d14	12.96	244	1490591	78.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	219611	35.869	ng		98
3) Pyridine	3.34	79	628665	37.267	ng		95
4) n-Nitrosodimethylamine	3.27	42	286634m	35.236	ng		
6) Aniline	6.52	93	744973	39.146	ng	#	55
8) 2-Chlorophenol	6.65	128	501112	42.140	ng		95
9) Benzaldehyde	6.40	77	373004	40.442	ng		98
10) Phenol	6.52	94	623434	40.227	ng	#	72
11) bis(2-Chloroethyl)ether	6.59	93	497702	42.300	ng		99
12) 1,3-Dichlorobenzene	6.80	146	548210	41.070	ng		99
13) 1,4-Dichlorobenzene	6.87	146	557235	41.428	ng		97
14) 1,2-Dichlorobenzene	7.03	146	517163	42.084	ng		99
15) Benzyl Alcohol	7.00	79	424932	41.355	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	916472	40.172	ng		83
17) 2-Methylphenol	7.12	107	393044	40.236	ng	#	93
18) Hexachloroethane	7.37	117	174585	34.579	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	340163	40.735	ng		99
20) 3+4-Methylphenols	7.27	107	505736	44.810	ng	#	60
22) Acetophenone	7.26	105	669871	42.870	ng	#	88
24) Nitrobenzene	7.44	77	530959	41.478	ng		97
25) Isophorone	7.67	82	941559	40.394	ng		98
26) 2-Nitrophenol	7.76	139	257702	41.494	ng		97
27) 2,4-Dimethylphenol	7.80	122	394712	40.465	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	630480	41.687	ng		99
29) 2,4-Dichlorophenol	8.00	162	395815	40.751	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	444111	40.209	ng		98
31) Naphthalene	8.16	128	1375844	41.758	ng		98
32) Benzoic acid	7.91	122	233985	35.742	ng		95
33) 4-Chloroaniline	8.21	127	630916	42.022	ng		99
34) Hexachlorobutadiene	8.28	225	254981	40.574	ng		99
35) Caprolactam	8.57	113	139255	43.968	ng		99
36) 4-Chloro-3-methylphenol	8.70	107	411526	42.091	ng		99
37) 2-Methylnaphthalene	8.85	142	908025	42.715	ng		97
38) 1-Methylnaphthalene	8.95	142	847869	42.353	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	414232	42.558	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	5544	5.480	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	280784	41.940	ng	100
44) 2,4,5-Trichlorophenol	9.19	196	282331	41.121	ng	100
46) 1,1'-Biphenyl	9.32	154	1097179	42.267	ng	97
47) 2-Chloronaphthalene	9.34	162	869718	41.631	ng	98
48) 2-Nitroaniline	9.44	65	312439	42.171	ng	94
49) Acenaphthylene	9.76	152	1321510	41.591	ng	98
50) Dimethylphthalate	9.61	163	996530	42.248	ng	100
51) 2,6-Dinitrotoluene	9.67	165	212279	40.575	ng	99
52) Acenaphthene	9.93	154	774233	39.709	ng	98
53) 3-Nitroaniline	9.85	138	270915	41.715	ng	95
54) 2,4-Dinitrophenol	9.96	184	22941	14.730	ng	98
55) Dibenzofuran	10.10	168	1137435	39.784	ng	97
56) 4-Nitrophenol	10.03	139	143301	31.201	ng	94
57) 2,4-Dinitrotoluene	10.09	165	273387	38.500	ng	99
58) Fluorene	10.44	166	887397	40.183	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	215035	36.298	ng	99
60) Diethylphthalate	10.30	149	980323	40.904	ng	98
61) 4-Chlorophenyl-phenylether	10.43	204	446555	41.171	ng	98
62) 4-Nitroaniline	10.46	138	261731	38.352	ng	92
63) Azobenzene	10.59	77	919349	39.630	ng	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	42264	15.335	ng	94
66) n-Nitrosodiphenylamine	10.55	169	785311	45.113	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	280108	44.355	ng	93
68) Hexachlorobenzene	11.00	284	290223	41.542	ng	93
69) Atrazine	11.07	200	240467	44.390	ng	99
70) Pentachlorophenol	11.19	266	103679	31.306	ng	98
71) Phenanthrene	11.40	178	1180952	42.321	ng	98
72) Anthracene	11.46	178	1203130	42.927	ng	98
73) Carbazole	11.61	167	1095196	40.977	ng	98
74) Di-n-butylphthalate	11.93	149	1490728	48.414	ng	100
75) Fluoranthene	12.59	202	1144181	38.077	ng	98
77) Benzidine	12.71	184	622605	35.394	ng	97
78) Pyrene	12.82	202	1177023	37.336	ng	99
80) Butylbenzylphthalate	13.43	149	549752	41.431	ng	94
81) Benzo(a)anthracene	14.01	228	1073468	42.352	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	439294	44.677	ng	99
83) Chrysene	14.05	228	1057921	42.578	ng	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	752638	43.369	ng	98
85) Di-n-octyl phthalate	14.60	149	1246295	44.301	ng	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	858257	39.084	ng	98
88) Benzo(b)fluoranthene	15.07	252	1120722	43.514	ng	99
89) Benzo(k)fluoranthene	15.09	252	986064	41.678	ng	98
90) Benzo(a)pyrene	15.43	252	942137	41.565	ng	100
91) Dibenzo(a,h)anthracene	16.99	278	717114	38.073	ng	98
92) Benzo(g,h,i)perylene	17.43	276	673436	35.678	ng	98

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

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