Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114474.D
Acq On : 22 May 2019 00:14
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
5/23/2019 8:15:53 AM

Quant Time: May 22 07:58:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	167019	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	680823	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	318051	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	556267	20.00	ng		0.00
76) Chrysene-d12	14.00	240	348711	20.00	ng		0.00
87) Perylene-d12	15.47	264	314080	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	816001	78.62	ng		-0.01
7) Phenol-d6	6.48	99	1006536	82.00	ng		0.00
23) Nitrobenzene-d5	7.40	82	965859	79.62	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	229145	69.69	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1707391	81.20	ng		0.00
79) Terphenyl-d14	12.93	244	1384471	81.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	187998	32.955	ng		99
3) Pyridine	3.30	79	533859	33.966	ng		98
4) n-Nitrosodimethylamine	3.25	42	253507	33.447	ng		100
6) Aniline	6.49	93	701370	39.555	ng	#	51
8) 2-Chlorophenol	6.62	128	466243	42.081	ng		96
9) Benzaldehyde	6.38	77	312120	36.321	ng		96
10) Phenol	6.49	94	583170	40.385	ng	#	70
11) bis(2-Chloroethyl)ether	6.56	93	460024	41.963	ng		99
12) 1,3-Dichlorobenzene	6.77	146	516762	41.550	ng		99
13) 1,4-Dichlorobenzene	6.85	146	523037	41.734	ng		99
14) 1,2-Dichlorobenzene	7.00	146	481172	42.024	ng		99
15) Benzyl Alcohol	6.97	79	381047	39.801	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	852822	40.121	ng		72
17) 2-Methylphenol	7.09	107	365481	40.156	ng		96
18) Hexachloroethane	7.34	117	162445	34.531	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	322261	41.419	ng		100
20) 3+4-Methylphenols	7.25	107	476439	45.307	ng	#	64
22) Acetophenone	7.24	105	623161	41.317	ng	#	91
24) Nitrobenzene	7.42	77	497106	40.232	ng		96
25) Isophorone	7.65	82	898530	39.936	ng		98
26) 2-Nitrophenol	7.73	139	230887	38.515	ng		97
27) 2,4-Dimethylphenol	7.77	122	367846	39.069	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	598691	41.011	ng		98
29) 2,4-Dichlorophenol	7.98	162	386742	41.251	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	433168	40.631	ng		98
31) Naphthalene	8.14	128	1327832	41.753	ng		98
32) Benzoic acid	7.90	122	191899m	31.424	ng		
33) 4-Chloroaniline	8.19	127	610872	42.152	ng		98
34) Hexachlorobutadiene	8.25	225	249601	41.148	ng		98
35) Caprolactam	8.56	113	135218	44.232	ng		97
36) 4-Chloro-3-methylphenol	8.68	107	406096	43.032	ng		100
37) 2-Methylnaphthalene	8.83	142	884737	43.119	ng		97
38) 1-Methylnaphthalene	8.93	142	822649	42.574	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	407744	42.321	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	1053	4.546	ng	#	73
43) 2,4,6-Trichlorophenol	9.12	196	270902	40.879	ng		98
44) 2,4,5-Trichlorophenol	9.16	196	274639	40.411	ng		97
46) 1,1'-Biphenyl	9.29	154	1083406	42.165	ng		99
47) 2-Chloronaphthalene	9.32	162	856799	41.434	ng		99
48) 2-Nitroaniline	9.42	65	306913	41.850	ng		97
49) Acenaphthylene	9.73	152	1290802	41.042	ng		98
50) Dimethylphthalate	9.59	163	996982	42.701	ng		99
51) 2,6-Dinitrotoluene	9.66	165	212655	41.065	ng		97
52) Acenaphthene	9.90	154	767410	39.763	ng		99
53) 3-Nitroaniline	9.83	138	271429	42.224	ng		95
54) 2,4-Dinitrophenol	9.96	184	11079	10.641	ng		90
55) Dibenzofuran	10.07	168	1116898	39.467	ng		98
56) 4-Nitrophenol	10.01	139	122781	27.008	ng		95
57) 2,4-Dinitrotoluene	10.07	165	258161	36.729	ng	#	88
58) Fluorene	10.42	166	898941	41.124	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.20	232	205423	35.031	ng		99
60) Diethylphthalate	10.29	149	1007604	42.474	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	450669	41.977	ng		96
62) 4-Nitroaniline	10.45	138	276529	40.937	ng		96
63) Azobenzene	10.57	77	898820	39.143	ng		97
65) 4,6-Dinitro-2-methylphenol	10.49	198	21668	8.106	ng		90
66) n-Nitrosodiphenylamine	10.53	169	794318	47.049	ng		98
67) 4-Bromophenyl-phenylether	10.89	248	275922	45.050	ng		95
68) Hexachlorobenzene	10.97	284	278702	41.133	ng		95
69) Atrazine	11.05	200	229620	43.705	ng		99
70) Pentachlorophenol	11.17	266	130866	40.744	ng		96
71) Phenanthrene	11.38	178	1138959	42.085	ng		98
72) Anthracene	11.43	178	1147584	42.218	ng		99
73) Carbazole	11.59	167	1061675	40.958	ng		98
74) Di-n-butylphthalate	11.91	149	1481137	49.597	ng		99
75) Fluoranthene	12.57	202	1052363	36.110	ng		98
77) Benzidine	12.69	184	576970	36.860	ng		97
78) Pyrene	12.80	202	1056740	37.671	ng		99
80) Butylbenzylphthalate	13.40	149	498868	42.251	ng		98
81) Benzo(a)anthracene	13.99	228	964165	42.748	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	381576	43.611	ng		99
83) Chrysene	14.03	228	920394	41.628	ng		98
84) Bis(2-ethylhexyl)phthalate	13.96	149	700567	45.366	ng		100
85) Di-n-octyl phthalate	14.57	149	1185688	47.364	ng		99
86) Indeno(1,2,3-cd)pyrene	16.94	276	629909	32.237	ng		100
88) Benzo(b)fluoranthene	15.04	252	852933	42.389	ng		99
89) Benzo(k)fluoranthene	15.07	252	888423	48.065	ng		98
90) Benzo(a)pyrene	15.41	252	735431	41.529	ng		98
91) Dibenzo(a,h)anthracene	16.95	278	527696	35.861	ng		98
92) Benzo(g,h,i)perylene	17.39	276	496502	33.668	ng		98

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

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