Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112954.D
Acq On : 11 Mar 2019 14:57
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/12/2019 4:28:32 PM

Quant Time: Mar 12 04:47:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	228013	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	921723	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	459609	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	923542	20.00	ng		0.00
76) Chrysene-d12	13.87	240	647418	20.00	ng		0.00
87) Perylene-d12	15.27	264	533488	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1037525	70.78	ng		0.00
7) Phenol-d6	6.37	99	1365955	74.18	ng		0.00
23) Nitrobenzene-d5	7.30	82	1267313	82.27	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	442939	90.78	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	2185364	76.80	ng		0.00
79) Terphenyl-d14	12.83	244	2379620	71.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	252348	34.344	ng		97
3) Pyridine	3.13	79	653864	33.263	ng		98
4) n-Nitrosodimethylamine	3.07	42	296433	34.473	ng		95
6) Aniline	6.40	93	900004	35.510	ng		99
8) 2-Chlorophenol	6.52	128	624959	38.301	ng		96
9) Benzaldehyde	6.28	77	440120	33.173	ng		100
10) Phenol	6.39	94	778293	36.222	ng	#	73
11) bis(2-Chloroethyl)ether	6.47	93	608997	36.927	ng		95
12) 1,3-Dichlorobenzene	6.67	146	661352	39.236	ng		98
13) 1,4-Dichlorobenzene	6.75	146	665817	39.388	ng		98
14) 1,2-Dichlorobenzene	6.91	146	606402	39.132	ng		98
15) Benzyl Alcohol	6.88	79	534727	38.085	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	991677	36.031	ng		96
17) 2-Methylphenol	7.00	107	508753	38.433	ng		97
18) Hexachloroethane	7.25	117	248196	38.330	ng		91
19) n-Nitroso-di-n-propylamine	7.16	70	427823	36.686	ng		98
20) 3+4-Methylphenols	7.15	107	574691	38.455	ng		95
22) Acetophenone	7.15	105	854957	39.669	ng		96
24) Nitrobenzene	7.32	77	681597	39.757	ng		99
25) Isophorone	7.56	82	1254184	37.794	ng		98
26) 2-Nitrophenol	7.63	139	353900	49.588	ng		99
27) 2,4-Dimethylphenol	7.67	122	502102	37.817	ng		99
28) bis(2-Chloroethoxy)methane	7.77	93	788703	38.014	ng		99
29) 2,4-Dichlorophenol	7.88	162	533920	41.467	ng		95
30) 1,2,4-Trichlorobenzene	7.96	180	565733	40.892	ng		98
31) Naphthalene	8.04	128	1755805	38.369	ng		100
32) Benzoic acid	7.81	122	345905	37.171	ng		90
33) 4-Chloroaniline	8.09	127	764950	39.466	ng		98
34) Hexachlorobutadiene	8.16	225	339673	43.535	ng		98
35) Caprolactam	8.47	113	185617m	40.931	ng		
36) 4-Chloro-3-methylphenol	8.57	107	567734	39.843	ng		98
37) 2-Methylnaphthalene	8.73	142	1174196	39.733	ng		100
38) 1-Methylnaphthalene	8.83	142	1117854	39.049	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	546715	40.791	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	293866	40.040	ng		97
43) 2,4,6-Trichlorophenol	9.01	196	379615	41.155	ng		98
44) 2,4,5-Trichlorophenol	9.05	196	416138	41.738	ng		98
46) 1,1'-Biphenyl	9.19	154	1438178	38.363	ng		99
47) 2-Chloronaphthalene	9.22	162	1123690	38.388	ng		100
48) 2-Nitroaniline	9.31	65	382144	42.950	ng		97
49) Acenaphthylene	9.63	152	1842731	37.081	ng		99
50) Dimethylphthalate	9.50	163	1346946	39.745	ng		99
51) 2,6-Dinitrotoluene	9.56	165	311942	44.202	ng	#	76
52) Acenaphthene	9.80	154	1044766	35.951	ng		99
53) 3-Nitroaniline	9.72	138	358069	41.640	ng		97
54) 2,4-Dinitrophenol	9.83	184	150377	54.345	ng		97
55) Dibenzofuran	9.97	168	1555543	36.829	ng		97
56) 4-Nitrophenol	9.89	139	288281	41.249	ng		92
57) 2,4-Dinitrotoluene	9.96	165	402362	45.868	ng		89
58) Fluorene	10.32	166	1149919	38.359	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	358087	43.109	ng		94
60) Diethylphthalate	10.19	149	1309295	36.580	ng		98
61) 4-Chlorophenyl-phenylether	10.30	204	567356	40.678	ng		97
62) 4-Nitroaniline	10.33	138	356992	44.927	ng		95
63) Azobenzene	10.47	77	1271926	34.694	ng		94
65) 4,6-Dinitro-2-methylphenol	10.37	198	185098	48.703	ng	#	71
66) n-Nitrosodiphenylamine	10.43	169	1087773	36.726	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	394900	40.596	ng		97
68) Hexachlorobenzene	10.86	284	455823	41.569	ng		94
69) Atrazine	10.96	200	362965	40.012	ng		96
70) Pentachlorophenol	11.06	266	283955	43.996	ng		98
71) Phenanthrene	11.27	178	1769015	38.499	ng		100
72) Anthracene	11.32	178	1794886	37.316	ng		100
73) Carbazole	11.47	167	1742467	37.136	ng		99
74) Di-n-butylphthalate	11.81	149	2040511	36.268	ng		99
75) Fluoranthene	12.45	202	1906220	38.721	ng		98
77) Benzidine	12.57	184	1100832	32.773	ng		100
78) Pyrene	12.68	202	1952325	35.771	ng		99
80) Butylbenzylphthalate	13.30	149	874233	36.288	ng		95
81) Benzo(a)anthracene	13.86	228	1507081	33.587	ng		99
82) 3,3'-Dichlorobenzidine	13.83	252	636425	37.503	ng	#	98
83) Chrysene	13.90	228	1545486	35.163	ng		100
84) Bis(2-ethylhexyl)phthalate	13.86	149	964407	34.129	ng		98
85) Di-n-octyl phthalate	14.47	149	1707008	35.180	ng		97
86) Indeno(1,2,3-cd)pyrene	16.64	276	1256420	33.531	ng		95
88) Benzo(b)fluoranthene	14.87	252	1417841	41.088	ng		98
89) Benzo(k)fluoranthene	14.90	252	1144168	36.605	ng		99
90) Benzo(a)pyrene	15.22	252	1165359	38.180	ng		98
91) Dibenzo(a,h)anthracene	16.65	278	1021622	39.225	ng		97
92) Benzo(g,h,i)perylene	17.04	276	1047272	40.044	ng		96

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

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