Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012919\
Data File : BF112288.D
Acq On : 29 Jan 2019 10:46
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/30/2019 11:08:11 AM

Quant Time: Jan 29 13:10:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	224755	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	878762	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	440064	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	859075	20.00	ng		0.00
76) Chrysene-d12	14.01	240	684912	20.00	ng		0.00
87) Perylene-d12	15.47	264	589970	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	967874	91.47	ng		0.00
7) Phenol-d6	6.49	99	1184375	80.55	ng		0.00
23) Nitrobenzene-d5	7.41	82	1146647	75.18	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	395608	77.23	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2248787	72.27	ng		0.00
79) Terphenyl-d14	12.94	244	2518883	69.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	206831	49.068	ng		95
3) Pyridine	3.36	79	539767	50.340	ng		98
4) n-Nitrosodimethylamine	3.32	42	216875	48.143	ng		95
6) Aniline	6.50	93	718541	41.081	ng	#	60
8) 2-Chlorophenol	6.63	128	560099	39.348	ng		98
9) Benzaldehyde	6.39	77	302981	39.424	ng		96
10) Phenol	6.50	94	652549	40.453	ng		95
11) bis(2-Chloroethyl)ether	6.57	93	514621	40.522	ng		99
12) 1,3-Dichlorobenzene	6.79	146	645338	38.928	ng		99
13) 1,4-Dichlorobenzene	6.86	146	653428	38.299	ng		97
14) 1,2-Dichlorobenzene	7.02	146	608648	38.103	ng		98
15) Benzyl Alcohol	6.99	79	470237	37.939	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	654056	40.111	ng		79
17) 2-Methylphenol	7.10	107	429423	38.055	ng		94
18) Hexachloroethane	7.35	117	232608	38.825	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	389574	38.425	ng		98
20) 3+4-Methylphenols	7.26	107	547533	37.945	ng		92
22) Acetophenone	7.25	105	795252	37.165	ng		99
24) Nitrobenzene	7.43	77	572165	37.565	ng		95
25) Isophorone	7.66	82	919822	38.445	ng		99
26) 2-Nitrophenol	7.74	139	319980	39.310	ng		92
27) 2,4-Dimethylphenol	7.78	122	428342	38.194	ng		92
28) bis(2-Chloroethoxy)methane	7.87	93	636914	39.096	ng		99
29) 2,4-Dichlorophenol	7.99	162	484016	38.566	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	556642	38.586	ng		99
31) Naphthalene	8.15	128	1539125	37.453	ng		99
32) Benzoic acid	7.93	122	220921	34.534	ng		99
33) 4-Chloroaniline	8.19	127	684148	38.234	ng		97
34) Hexachlorobutadiene	8.26	225	319834	37.781	ng		98
35) Caprolactam	8.57	113	174270m	39.362	ng		
36) 4-Chloro-3-methylphenol	8.69	107	498661	37.533	ng		95
37) 2-Methylnaphthalene	8.84	142	1059466	37.660	ng		98
38) 1-Methylnaphthalene	8.93	142	1015429	37.658	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	548301	37.948	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	142747	32.475	ng		96
43) 2,4,6-Trichlorophenol	9.12	196	347211	38.984	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	364902	39.201	ng		97
46) 1,1'-Biphenyl	9.30	154	1425560	37.054	ng		99
47) 2-Chloronaphthalene	9.33	162	1114246	37.348	ng		96
48) 2-Nitroaniline	9.42	65	310750	38.216	ng		90
49) Acenaphthylene	9.74	152	1623994	37.139	ng		100
50) Dimethylphthalate	9.60	163	1297322	37.944	ng		99
51) 2,6-Dinitrotoluene	9.66	165	292284	38.170	ng	#	82
52) Acenaphthene	9.92	154	975364	37.339	ng		99
53) 3-Nitroaniline	9.84	138	318087	38.343	ng		98
54) 2,4-Dinitrophenol	9.95	184	81355	33.105	ng		99
55) Dibenzofuran	10.09	168	1480517	37.089	ng		95
56) 4-Nitrophenol	10.02	139	168182	38.346	ng		95
57) 2,4-Dinitrotoluene	10.07	165	373694	38.334	ng	#	90
58) Fluorene	10.43	166	1123974	37.627	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	280742	39.910	ng		96
60) Diethylphthalate	10.30	149	1271912	37.486	ng		100
61) 4-Chlorophenyl-phenylether	10.42	204	611049	37.605	ng		95
62) 4-Nitroaniline	10.45	138	319531	39.269	ng		96
63) Azobenzene	10.57	77	1146566	38.422	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	171180	35.540	ng		89
66) n-Nitrosodiphenylamine	10.54	169	1069873	36.952	ng		100
67) 4-Bromophenyl-phenylether	10.90	248	384430	38.047	ng		96
68) Hexachlorobenzene	10.98	284	406857	37.532	ng		95
69) Atrazine	11.06	200	336363	36.004	ng		97
70) Pentachlorophenol	11.18	266	154259	36.571	ng		99
71) Phenanthrene	11.39	178	1613074	36.117	ng		99
72) Anthracene	11.44	178	1657998	37.267	ng		100
73) Carbazole	11.60	167	1625788	37.047	ng		98
74) Di-n-butylphthalate	11.92	149	1963123	36.039	ng		99
75) Fluoranthene	12.58	202	1686784	35.213	ng		98
77) Benzidine	12.69	184	731500	38.804	ng		99
78) Pyrene	12.81	202	1714923	36.165	ng		99
80) Butylbenzylphthalate	13.42	149	849404	37.023	ng		98
81) Benzo(a)anthracene	14.00	228	1516537	37.666	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	595495	39.520	ng		99
83) Chrysene	14.03	228	1433988	37.312	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1212598	37.235	ng		97
85) Di-n-octyl phthalate	14.58	149	1887488	37.671	ng		98
86) Indeno(1,2,3-cd)pyrene	16.95	276	1128464	37.055	ng		98
88) Benzo(b)fluoranthene	15.04	252	1322363	37.479	ng		99
89) Benzo(k)fluoranthene	15.07	252	1310434	38.775	ng		99
90) Benzo(a)pyrene	15.41	252	1202998	37.893	ng		98
91) Dibenzo(a,h)anthracene	16.96	278	961350	37.572	ng		99
92) Benzo(g,h,i)perylene	17.39	276	889293	36.839	ng		99

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

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