Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
Data File : BF118178.D
Acq On : 13 Dec 2019 10:41
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
12/16/2019 12:25:01 PM

Quant Time: Dec 13 17:48:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	146321	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	561093	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	300351	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	562336	20.00	ng		0.00
76) Chrysene-d12	14.07	240	388149	20.00	ng		0.00
87) Perylene-d12	15.56	264	338782	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	632197	75.67	ng		0.00
7) Phenol-d6	6.50	99	769811	76.18	ng		0.00
23) Nitrobenzene-d5	7.44	82	751595	75.36	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	283792	77.78	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1538798	77.96	ng		0.00
79) Terphenyl-d14	13.00	244	1788291	79.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	128620	36.513	ng		99
3) Pyridine	3.39	79	331719	36.500	ng		98
4) n-Nitrosodimethylamine	3.35	42	143688	36.752	ng		100
6) Aniline	6.53	93	482987	37.367	ng		98
8) 2-Chlorophenol	6.66	128	361834	38.411	ng		97
9) Benzaldehyde	6.42	77	203492	38.254	ng		95
10) Phenol	6.52	94	435617	37.802	ng		90
11) bis(2-Chloroethyl)ether	6.60	93	318235	38.183	ng		98
12) 1,3-Dichlorobenzene	6.81	146	425844	38.698	ng		98
13) 1,4-Dichlorobenzene	6.89	146	432442	39.026	ng		98
14) 1,2-Dichlorobenzene	7.05	146	404424	38.864	ng		99
15) Benzyl Alcohol	7.02	79	303270	38.448	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	394100	39.328	ng		96
17) 2-Methylphenol	7.13	107	285049	38.046	ng		98
18) Hexachloroethane	7.39	117	160256	39.249	ng		99
19) n-Nitroso-di-n-propylamine	7.29	70	243330	39.629	ng		97
20) 3+4-Methylphenols	7.28	107	362185	38.486	ng		91
22) Acetophenone	7.29	105	510883	37.899	ng	#	93
24) Nitrobenzene	7.46	77	365347	37.284	ng		99
25) Isophorone	7.70	82	638889	37.788	ng		99
26) 2-Nitrophenol	7.77	139	199744	38.138	ng		96
27) 2,4-Dimethylphenol	7.81	122	261731	37.464	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	427688	38.712	ng		98
29) 2,4-Dichlorophenol	8.02	162	312921	38.422	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	369235	38.794	ng		99
31) Naphthalene	8.18	128	1078946	38.289	ng		99
32) Benzoic acid	7.95	122	247805	39.285	ng		97
33) 4-Chloroaniline	8.23	127	455232	37.414	ng		99
34) Hexachlorobutadiene	8.30	225	224158	39.275	ng		99
35) Caprolactam	8.61	113	94388	37.581	ng		98
36) 4-Chloro-3-methylphenol	8.72	107	324132	37.819	ng		97
37) 2-Methylnaphthalene	8.87	142	734660	38.509	ng		100
38) 1-Methylnaphthalene	8.97	142	692967	38.686	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	345643	37.988	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	139522	34.225	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	228929	37.683	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	240577	38.223	ng		96
46) 1,1'-Biphenyl	9.34	154	914674	38.613	ng		100
47) 2-Chloronaphthalene	9.36	162	724545	38.024	ng		96
48) 2-Nitroaniline	9.46	65	203875	37.518	ng		99
49) Acenaphthylene	9.78	152	1073840	38.208	ng		99
50) Dimethylphthalate	9.64	163	853454	38.470	ng		99
51) 2,6-Dinitrotoluene	9.70	165	181173	37.556	ng		96
52) Acenaphthene	9.96	154	652293	38.025	ng		98
53) 3-Nitroaniline	9.87	138	213328	37.577	ng		98
54) 2,4-Dinitrophenol	9.99	184	89149	37.145	ng		92
55) Dibenzofuran	10.13	168	958435	38.130	ng		100
56) 4-Nitrophenol	10.04	139	131934	33.487	ng		98
57) 2,4-Dinitrotoluene	10.12	165	249433	38.739	ng		93
58) Fluorene	10.47	166	775628	38.829	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	198682	38.262	ng		98
60) Diethylphthalate	10.34	149	858277	39.266	ng		100
61) 4-Chlorophenyl-phenylether	10.46	204	393783	39.180	ng		95
62) 4-Nitroaniline	10.49	138	217335	36.706	ng		99
63) Azobenzene	10.62	77	722368	38.713	ng		99
65) 4,6-Dinitro-2-methylphenol	10.53	198	114285	36.801	ng		90
66) n-Nitrosodiphenylamine	10.58	169	669387	38.118	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	249216	38.824	ng	#	90
68) Hexachlorobenzene	11.02	284	291704	38.608	ng		99
69) Atrazine	11.11	200	182283	36.517	ng		99
70) Pentachlorophenol	11.22	266	132067	37.169	ng		100
71) Phenanthrene	11.44	178	1135144	37.973	ng		100
72) Anthracene	11.49	178	1150115	38.568	ng		99
73) Carbazole	11.65	167	1009316	37.723	ng		99
74) Di-n-butylphthalate	11.97	149	1390505	41.526	ng		99
75) Fluoranthene	12.63	202	1156665	37.845	ng		99
77) Benzidine	12.75	184	231288	22.635	ng		100
78) Pyrene	12.86	202	1163724	38.045	ng		99
80) Butylbenzylphthalate	13.47	149	576872	41.643	ng		98
81) Benzo(a)anthracene	14.06	228	1015523	37.837	ng		99
82) 3,3'-Dichlorobenzidine	14.02	252	336897	38.220	ng		99
83) Chrysene	14.09	228	960822	37.477	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	804721	44.055	ng		98
85) Di-n-octyl phthalate	14.65	149	1220672	44.115	ng		100
86) Indeno(1,2,3-cd)pyrene	17.07	276	767526	35.580	ng		100
88) Benzo(b)fluoranthene	15.12	252	846605	37.785	ng		97
89) Benzo(k)fluoranthene	15.15	252	821903m	38.184	ng		
90) Benzo(a)pyrene	15.50	252	743032	37.548	ng		98
91) Dibenzo(a,h)anthracene	17.09	278	640750	37.751	ng		99
92) Benzo(g,h,i)perylene	17.53	276	587766	36.037	ng		98

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

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