Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118455.D
Acq On : 3 Jan 2020 12:08
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/6/2020 11:43:45 AM

Quant Time: Jan 04 00:13:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	76238	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	347594	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	189445	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	347760	20.00	ng		0.00
76) Chrysene-d12	14.05	240	237774	20.00	ng		0.00
87) Perylene-d12	15.53	264	196682	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	337516	75.57	ng		0.00
7) Phenol-d6	6.49	99	432044	77.98	ng		0.00
23) Nitrobenzene-d5	7.42	82	483800	79.61	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	191358	81.79	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1033486	83.27	ng		0.00
79) Terphenyl-d14	12.98	244	1176125	82.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	59478	33.500	ng		95
3) Pyridine	3.33	79	162237	34.297	ng		96
4) n-Nitrosodimethylamine	3.30	42	90369	46.207	ng	#	76
6) Aniline	6.51	93	271802	38.634	ng	#	72
8) 2-Chlorophenol	6.64	128	197626	39.070	ng		99
9) Benzaldehyde	6.40	77	114556	35.266	ng		93
10) Phenol	6.50	94	241945	38.853	ng		75
11) bis(2-Chloroethyl)ether	6.59	93	170453	38.274	ng		99
12) 1,3-Dichlorobenzene	6.79	146	232920	39.982	ng		97
13) 1,4-Dichlorobenzene	6.86	146	236754	40.011	ng		97
14) 1,2-Dichlorobenzene	7.02	146	240973	43.135	ng		99
15) Benzyl Alcohol	7.00	79	191682	45.439	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	209374	44.058	ng		64
17) 2-Methylphenol	7.11	107	176286	43.451	ng		95
18) Hexachloroethane	7.36	117	98127	45.184	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	156805	45.942	ng		95
20) 3+4-Methylphenols	7.27	107	235169	45.290	ng		94
22) Acetophenone	7.26	105	330807	38.831	ng	#	92
24) Nitrobenzene	7.44	77	240120	39.442	ng		99
25) Isophorone	7.67	82	405795	38.313	ng		97
26) 2-Nitrophenol	7.76	139	125240	38.839	ng		93
27) 2,4-Dimethylphenol	7.79	122	166828	37.919	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	265191	38.284	ng		100
29) 2,4-Dichlorophenol	8.00	162	194297	38.369	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	232903	39.483	ng		99
31) Naphthalene	8.16	128	697867	39.501	ng		100
32) Benzoic acid	7.95	122	116475	33.320	ng		96
33) 4-Chloroaniline	8.21	127	296403	39.136	ng		99
34) Hexachlorobutadiene	8.27	225	142787	40.664	ng		99
35) Caprolactam	8.59	113	62394m	39.466	ng		
36) 4-Chloro-3-methylphenol	8.70	107	220687	40.591	ng		96
37) 2-Methylnaphthalene	8.85	142	488020	40.346	ng		98
38) 1-Methylnaphthalene	8.95	142	471204	41.348	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	226157	39.732	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	63518	32.545	ng		100
43) 2,4,6-Trichlorophenol	9.14	196	142477	37.468	ng		100
44) 2,4,5-Trichlorophenol	9.19	196	145767	37.263	ng		98
46) 1,1'-Biphenyl	9.32	154	615295	41.063	ng		99
47) 2-Chloronaphthalene	9.35	162	490022	40.633	ng		98
48) 2-Nitroaniline	9.45	65	143650	42.172	ng		93
49) Acenaphthylene	9.76	152	742328	41.504	ng		100
50) Dimethylphthalate	9.62	163	569697	40.062	ng		99
51) 2,6-Dinitrotoluene	9.69	165	123658	40.334	ng		90
52) Acenaphthene	9.93	154	435361	39.962	ng		99
53) 3-Nitroaniline	9.86	138	140536	39.056	ng		91
54) 2,4-Dinitrophenol	9.98	184	56378	39.292	ng		97
55) Dibenzofuran	10.10	168	670495	41.652	ng		95
56) 4-Nitrophenol	10.04	139	106760	48.060	ng		97
57) 2,4-Dinitrotoluene	10.10	165	171964	41.977	ng	#	76
58) Fluorene	10.45	166	546841	42.082	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	127156	38.257	ng		98
60) Diethylphthalate	10.32	149	587900	41.789	ng		98
61) 4-Chlorophenyl-phenylether	10.44	204	274757	42.355	ng		97
62) 4-Nitroaniline	10.48	138	152462	40.785	ng		92
63) Azobenzene	10.60	77	512016	42.490	ng		94
65) 4,6-Dinitro-2-methylphenol	10.52	198	72719	38.762	ng		92
66) n-Nitrosodiphenylamine	10.56	169	468914	42.072	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	171010	42.019	ng		93
68) Hexachlorobenzene	11.00	284	204510	42.691	ng		98
69) Atrazine	11.09	200	138588	40.288	ng		98
70) Pentachlorophenol	11.20	266	90461	43.602	ng		98
71) Phenanthrene	11.42	178	763293	40.262	ng		98
72) Anthracene	11.47	178	749673	39.507	ng		99
73) Carbazole	11.63	167	673008	39.970	ng		99
74) Di-n-butylphthalate	11.95	149	860374	40.299	ng		99
75) Fluoranthene	12.62	202	765365	40.003	ng		99
77) Benzidine	12.73	184	228476	35.068	ng		99
78) Pyrene	12.84	202	817350	42.095	ng		100
80) Butylbenzylphthalate	13.45	149	381499	43.637	ng		96
81) Benzo(a)anthracene	14.04	228	676690	40.658	ng		98
82) 3,3'-Dichlorobenzidine	14.00	252	229160	40.609	ng		98
83) Chrysene	14.07	228	658240	41.304	ng		99
84) Bis(2-ethylhexyl)phthalate	14.01	149	468587	40.761	ng		100
85) Di-n-octyl phthalate	14.62	149	695559	41.133	ng		99
86) Indeno(1,2,3-cd)pyrene	17.05	276	516490	38.036	ng		99
88) Benzo(b)fluoranthene	15.10	252	568746	43.563	ng		99
89) Benzo(k)fluoranthene	15.13	252	480825	38.356	ng		99
90) Benzo(a)pyrene	15.47	252	451658	39.271	ng		97
91) Dibenzo(a,h)anthracene	17.06	278	426934	42.777	ng		99
92) Benzo(g,h,i)perylene	17.50	276	382981	39.724	ng		99

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

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