Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061620\
Data File : BF120627.D
Acq On : 16 Jun 2020 8:20
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
6/18/2020 11:51:54 AM

Quant Time: Jun 16 15:27:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	158709	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	634906	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	366703	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	703396	20.00	ng		0.00
76) Chrysene-d12	13.96	240	545432	20.00	ng		0.00
86) Perylene-d12	15.39	264	614066	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	730598	78.92	ng		-0.01
7) Phenol-d6	6.43	99	998793	86.63	ng		0.00
23) Nitrobenzene-d5	7.36	82	866904	76.32	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	336829	79.00	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1758962	73.39	ng		0.00
79) Terphenyl-d14	12.90	244	1921177	77.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	164833	37.569	ng		99
3) Pyridine	3.21	79	486039	39.407	ng		99
4) n-Nitrosodimethylamine	3.16	42	198770	38.833	ng		100
6) Aniline	6.46	93	640151	43.384	ng		97
8) 2-Chlorophenol	6.59	128	420023	40.152	ng		97
9) Benzaldehyde	6.35	77	275402	37.764	ng		98
10) Phenol	6.45	94	540820	43.964	ng		97
11) bis(2-Chloroethyl)ether	6.53	93	419500	40.941	ng		98
12) 1,3-Dichlorobenzene	6.74	146	450805	40.536	ng		98
13) 1,4-Dichlorobenzene	6.82	146	452809	41.268	ng		99
14) 1,2-Dichlorobenzene	6.97	146	429953	40.226	ng		99
15) Benzyl Alcohol	6.94	79	367705	44.971	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	646015	43.787	ng		99
17) 2-Methylphenol	7.06	107	387611	43.444	ng		99
18) Hexachloroethane	7.31	117	166499	41.181	ng		94
19) n-Nitroso-di-n-propylamine	7.22	70	310809	46.473	ng		97
20) 3+4-Methylphenols	7.21	107	470329	42.186	ng		93
22) Acetophenone	7.21	105	560023	39.454	ng	#	98
24) Nitrobenzene	7.38	77	459624	38.668	ng		96
25) Isophorone	7.62	82	916145	41.406	ng		98
26) 2-Nitrophenol	7.70	139	241578	38.417	ng		95
27) 2,4-Dimethylphenol	7.73	122	374678	40.467	ng		100
28) bis(2-Chloroethoxy)methane	7.83	93	553799	43.179	ng		99
29) 2,4-Dichlorophenol	7.94	162	388311	41.259	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	403448	38.681	ng		99
31) Naphthalene	8.10	128	1248006	40.031	ng		99
32) Benzoic acid	7.86	122	302485	42.580	ng		97
33) 4-Chloroaniline	8.15	127	595071	41.585	ng		98
34) Hexachlorobutadiene	8.22	225	239609	39.411	ng		98
35) Caprolactam	8.52	113	130693m	43.418	ng		
36) 4-Chloro-3-methylphenol	8.63	107	412278	43.846	ng		98
37) 2-Methylnaphthalene	8.79	142	887047	43.585	ng		99
38) 1-Methylnaphthalene	8.89	142	842041	43.969	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	427372	39.031	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	219276	35.737 ng	99
43) 2,4,6-Trichlorophenol	9.07	196	300892	38.739 ng	100
44) 2,4,5-Trichlorophenol	9.11	196	352500	40.002 ng	97
46) 1,1'-Biphenyl	9.26	154	1084576	39.609 ng	100
47) 2-Chloronaphthalene	9.28	162	879327	39.271 ng	98
48) 2-Nitroaniline	9.37	65	278286	39.572 ng	96
49) Acenaphthylene	9.70	152	1367070	39.560 ng	99
50) Dimethylphthalate	9.56	163	1039771	39.370 ng	99
51) 2,6-Dinitrotoluene	9.62	165	236654	39.539 ng	94
52) Acenaphthene	9.87	154	811602m	39.379 ng	
53) 3-Nitroaniline	9.79	138	278900	38.796 ng	98
54) 2,4-Dinitrophenol	9.89	184	115665	34.743 ng	96
55) Dibenzofuran	10.04	168	1260502	39.888 ng	98
56) 4-Nitrophenol	9.95	139	203032	37.499 ng	97
57) 2,4-Dinitrotoluene	10.02	165	310998	39.158 ng	95
58) Fluorene	10.38	166	923591	37.912 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	275647	39.761 ng	99
60) Diethylphthalate	10.26	149	1025200	39.414 ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	481325	38.260 ng	95
62) 4-Nitroaniline	10.40	138	273291	38.293 ng	97
63) Azobenzene	10.53	77	954579	40.429 ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	161657	38.302 ng	87
66) n-Nitrosodiphenylamine	10.49	169	870030	40.278 ng	100
67) 4-Bromophenyl-phenylether	10.86	248	323966	40.582 ng	96
68) Hexachlorobenzene	10.93	284	344696	40.161 ng	98
69) Atrazine	11.02	200	219916	32.900 ng	99
70) Pentachlorophenol	11.12	266	197124	41.310 ng	99
71) Phenanthrene	11.35	178	1387744	39.689 ng	99
72) Anthracene	11.39	178	1397155	39.642 ng	100
73) Carbazole	11.55	167	1369612	39.257 ng	99
74) Di-n-butylphthalate	11.88	149	1592769	40.608 ng	100
75) Fluoranthene	12.53	202	1514836	37.892 ng	100
77) Benzidine	12.65	184	595273	32.271 ng	99
78) Pyrene	12.76	202	1558155	40.326 ng	99
80) Butylbenzylphthalate	13.37	149	691726	40.317 ng	99
81) Benzo(a)anthracene	13.95	228	1304306	39.803 ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	495318	39.573 ng	99
83) Chrysene	13.98	228	1343242	39.962 ng	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	878939	41.975 ng	99
85) Di-n-octyl phthalate	14.54	149	1620662	40.555 ng	100
87) Indeno(1,2,3-cd)pyrene	16.81	276	1639688	43.898 ng	100
88) Benzo(b)fluoranthene	14.98	252	1437177	39.290 ng	99
89) Benzo(k)fluoranthene	15.01	252	1279256	39.523 ng	99
90) Benzo(a)pyrene	15.33	252	1319451	40.305 ng	99
91) Dibenzo(a,h)anthracene	16.83	278	1327755	44.328 ng	98
92) Benzo(g,h,i)perylene	17.24	276	1357906	44.976 ng	98

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

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