Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119504.D
Acq On : 25 Mar 2020 14:28
Operator : CG/JU
Sample : PB127799BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Manual Integrations APPROVED
mohammad
3/27/2020 8:11:58 AM

Quant Time: Mar 25 15:05:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 25 14:07:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	304615	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1172624	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	605343	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	1184928	20.00	ng		0.00
76) Chrysene-d12	14.02	240	869449	20.00	ng		0.00
87) Perylene-d12	15.49	264	793943	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	2311405	120.79	ng		0.01
7) Phenol-d6	6.47	99	2944805	120.47	ng		0.00
23) Nitrobenzene-d5	7.41	82	1884571	87.34	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	866707	138.78	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	3496153	85.56	ng		0.00
79) Terphenyl-d14	12.97	244	4044599	91.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	327317	34.634	ng		98
3) Pyridine	3.42	79	905013	34.760	ng		99
4) n-Nitrosodimethylamine	3.37	42	509647	40.140	ng		98
6) Aniline	6.50	93	1107966	32.842	ng		99
8) 2-Chlorophenol	6.63	128	974281	48.478	ng		99
9) Benzaldehyde	6.39	77	609741	39.322	ng		97
10) Phenol	6.49	94	1218976	46.736	ng		100
11) bis(2-Chloroethyl)ether	6.58	93	916175	43.920	ng		97
12) 1,3-Dichlorobenzene	6.79	146	972956	44.730	ng		98
13) 1,4-Dichlorobenzene	6.86	146	991371	45.566	ng		98
14) 1,2-Dichlorobenzene	7.02	146	914922	44.990	ng		100
15) Benzyl Alcohol	6.99	79	825196	44.879	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1765670	41.963	ng		98
17) 2-Methylphenol	7.10	107	791736	42.997	ng		98
18) Hexachloroethane	7.36	117	379891	47.646	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	672400	45.637	ng		98
20) 3+4-Methylphenols	7.25	107	956645	42.391	ng	#	82
22) Acetophenone	7.26	105	1261954	45.039	ng		97
24) Nitrobenzene	7.43	77	1009470	43.779	ng		97
25) Isophorone	7.67	82	1890812	43.201	ng		99
26) 2-Nitrophenol	7.75	139	515131	56.739	ng		97
27) 2,4-Dimethylphenol	7.78	122	879982	46.875	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	1190622	46.003	ng		98
29) 2,4-Dichlorophenol	7.99	162	808293	46.859	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	857501	44.951	ng		99
31) Naphthalene	8.15	128	2665240	44.167	ng		99
32) Benzoic acid	7.91	122	684788	56.707	ng		98
33) 4-Chloroaniline	8.20	127	560517	20.271	ng		97
34) Hexachlorobutadiene	8.27	225	487081	45.636	ng		98
35) Caprolactam	8.57	113	263396m	46.658	ng		
36) 4-Chloro-3-methylphenol	8.68	107	883941	46.886	ng		98
37) 2-Methylnaphthalene	8.85	142	1847559	46.651	ng		99
38) 1-Methylnaphthalene	8.95	142	1760846	46.974	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	799520	45.061	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119504.D
Acq On : 25 Mar 2020 14:28
Operator : CG/JU
Sample : PB127799BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Manual Integrations APPROVED
mohammad
3/27/2020 8:11:58 AM

Quant Time: Mar 25 15:05:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 25 14:07:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	1008021	99.931	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	614360	48.385	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	628301	44.172	ng		98
46) 1,1'-Biphenyl	9.31	154	2230488	45.241	ng		100
47) 2-Chloronaphthalene	9.33	162	1735341	44.935	ng		99
48) 2-Nitroaniline	9.43	65	642040	48.166	ng		98
49) Acenaphthylene	9.75	152	2701662	44.548	ng		99
50) Dimethylphthalate	9.62	163	2026996	47.142	ng		99
51) 2,6-Dinitrotoluene	9.67	165	460480	49.964	ng		88
52) Acenaphthene	9.93	154	1926730	50.962	ng		100
53) 3-Nitroaniline	9.84	138	313371	26.932	ng		99
54) 2,4-Dinitrophenol	9.95	184	513150	124.251	ng	#	86
55) Dibenzofuran	10.10	168	2442788	45.065	ng		98
56) 4-Nitrophenol	10.00	139	806722	87.889	ng		88
57) 2,4-Dinitrotoluene	10.08	165	614856	52.959	ng		98
58) Fluorene	10.44	166	1879877	46.897	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	537845	50.586	ng		97
60) Diethylphthalate	10.32	149	2128289	48.769	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	905984	46.219	ng		100
62) 4-Nitroaniline	10.46	138	502233	45.013	ng		99
63) Azobenzene	10.59	77	2030138	46.196	ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	323526	65.113	ng		92
66) n-Nitrosodiphenylamine	10.55	169	1751745	45.033	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	612860	45.415	ng		99
68) Hexachlorobenzene	10.99	284	658763	47.696	ng	#	89
69) Atrazine	11.08	200	551581	51.722	ng		99
70) Pentachlorophenol	11.18	266	761652	94.048	ng		100
71) Phenanthrene	11.40	178	2722656	44.313	ng		99
72) Anthracene	11.46	178	2822723	45.203	ng		99
73) Carbazole	11.61	167	2623577	42.447	ng		98
74) Di-n-butylphthalate	11.95	149	3322183	50.245	ng		98
75) Fluoranthene	12.59	202	3004955	45.191	ng		99
77) Benzidine	12.71	184	1447297	39.334	ng		99
78) Pyrene	12.82	202	3072830	43.064	ng		99
80) Butylbenzylphthalate	13.45	149	1515552	52.514	ng		100
81) Benzo(a)anthracene	14.02	228	2381036	42.113	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	848524	38.063	ng		99
83) Chrysene	14.05	228	2534477	43.435	ng		98
84) Bis(2-ethylhexyl)phthalate	14.00	149	2009829	58.420	ng		100
85) Di-n-octyl phthalate	14.62	149	3563427	58.894	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	2333715	42.466	ng		98
88) Benzo(b)fluoranthene	15.06	252	2443769	46.078	ng		99
89) Benzo(k)fluoranthene	15.09	252	2360526	46.743	ng		99
90) Benzo(a)pyrene	15.43	252	2122376	44.035	ng		99
91) Dibenzo(a,h)anthracene	16.98	278	1919266	45.527	ng		98
92) Benzo(g,h,i)perylene	17.40	276	1893033	44.698	ng		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119504.D
Acq On : 25 Mar 2020 14:28
Operator : CG/JU
Sample : PB127799BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 25 15:05:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 25 14:07:20 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Manual Integrations APPROVED
mohammad
3/27/2020 8:11:58 AM