Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
Data File : BF119190.D
Acq On : 4 Mar 2020 12:57
Operator : CG/JU
Sample : L1744-03MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1MSD

Manual Integrations APPROVED
mohammad
3/5/2020 3:54:13 PM

Quant Time: Mar 04 13:50:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	139359	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	533029	20.00	ng		-0.01
39) Acenaphthene-d10	9.77	164	296885	20.00	ng		-0.01
64) Phenanthrene-d10	11.26	188	536184	20.00	ng		0.00
76) Chrysene-d12	13.90	240	314566	20.00	ng		0.00
87) Perylene-d12	15.33	264	287059	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	788823	94.59	ng		0.00
7) Phenol-d6	6.39	99	941156	92.80	ng		-0.01
23) Nitrobenzene-d5	7.30	82	631346	62.54	ng		-0.02
42) 2,4,6-Tribromophenol	10.57	330	340413	87.65	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1259353	62.49	ng		-0.01
79) Terphenyl-d14	12.84	244	1455255	79.65	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	123884	33.367	ng		97
3) Pyridine	3.23	79	298968	29.485	ng		99
4) n-Nitrosodimethylamine	3.17	42	128910	41.968	ng		96
6) Aniline	6.40	93	357718	28.585	ng		99
8) 2-Chlorophenol	6.53	128	405982	45.112	ng		98
9) Benzaldehyde	6.29	77	309928	45.740	ng		96
10) Phenol	6.40	94	466132	42.511	ng		95
11) bis(2-Chloroethyl)ether	6.47	93	357544	42.616	ng		98
12) 1,3-Dichlorobenzene	6.68	146	439238	40.722	ng		97
13) 1,4-Dichlorobenzene	6.76	146	443738	41.111	ng		99
14) 1,2-Dichlorobenzene	6.91	146	411045	41.756	ng		99
15) Benzyl Alcohol	6.89	79	332309	45.337	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	292127	40.195	ng	#	40
17) 2-Methylphenol	7.01	107	320199	43.885	ng		96
18) Hexachloroethane	7.25	117	159184	41.222	ng		95
19) n-Nitroso-di-n-propylamine	7.16	70	269244	45.561	ng		99
20) 3+4-Methylphenols	7.16	107	412072	46.099	ng		94
22) Acetophenone	7.15	105	535791	43.444	ng	#	96
24) Nitrobenzene	7.33	77	415342	41.604	ng		99
25) Isophorone	7.57	82	748229	42.677	ng		100
26) 2-Nitrophenol	7.65	139	224771	42.493	ng		97
27) 2,4-Dimethylphenol	7.69	122	342823	47.754	ng		96
28) bis(2-Chloroethoxy)methane	7.77	93	459656	40.279	ng		99
29) 2,4-Dichlorophenol	7.89	162	352652	41.728	ng		99
30) 1,2,4-Trichlorobenzene	7.97	180	388746	38.796	ng		99
31) Naphthalene	8.05	128	1149193	41.571	ng		99
32) Benzoic acid	7.85	122	179327	36.150	ng		99
33) 4-Chloroaniline	8.10	127	192103	16.157	ng		97
34) Hexachlorobutadiene	8.16	225	240339	38.506	ng		99
35) Caprolactam	8.48	113	100761m	38.720	ng		
36) 4-Chloro-3-methylphenol	8.60	107	371464	43.430	ng		99
37) 2-Methylnaphthalene	8.73	142	797338	42.860	ng		99
38) 1-Methylnaphthalene	8.83	142	747630	42.732	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	398660	39.827	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
Data File : BF119190.D
Acq On : 4 Mar 2020 12:57
Operator : CG/JU
Sample : L1744-03MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1MSD

Manual Integrations APPROVED
mohammad
3/5/2020 3:54:13 PM

Quant Time: Mar 04 13:50:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	201345	58.166	ng		99
43) 2,4,6-Trichlorophenol	9.02	196	245977	38.914	ng		99
44) 2,4,5-Trichlorophenol	9.07	196	258693	39.000	ng		98
46) 1,1'-Biphenyl	9.20	154	960122	40.014	ng		98
47) 2-Chloronaphthalene	9.23	162	768815	39.761	ng		97
48) 2-Nitroaniline	9.33	65	212215	39.349	ng		97
49) Acenaphthylene	9.64	152	1170509	41.914	ng		99
50) Dimethylphthalate	9.50	163	1047765	46.153	ng		99
51) 2,6-Dinitrotoluene	9.57	165	206661	40.973	ng	#	85
52) Acenaphthene	9.81	154	687728	40.840	ng		99
53) 3-Nitroaniline	9.74	138	100744	18.017	ng		98
54) 2,4-Dinitrophenol	9.86	184	167357	69.366	ng		93
55) Dibenzofuran	9.99	168	1030545	41.001	ng		97
56) 4-Nitrophenol	9.93	139	183977	54.762	ng		93
57) 2,4-Dinitrotoluene	9.98	165	259130	39.636	ng		96
58) Fluorene	10.33	166	823084	42.143	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.11	232	222667	39.784	ng		98
60) Diethylphthalate	10.20	149	900543	42.093	ng		99
61) 4-Chlorophenyl-phenylether	10.32	204	432199	41.807	ng		97
62) 4-Nitroaniline	10.36	138	191042	33.394	ng		96
63) Azobenzene	10.47	77	798808	42.956	ng		96
65) 4,6-Dinitro-2-methylphenol	10.40	198	141771	43.696	ng		96
66) n-Nitrosodiphenylamine	10.44	169	746168	42.501	ng		100
67) 4-Bromophenyl-phenylether	10.80	248	289173	41.260	ng		96
68) Hexachlorobenzene	10.88	284	324925	40.211	ng		97
69) Atrazine	10.97	200	249562	40.684	ng		97
70) Pentachlorophenol	11.08	266	237851	73.071	ng		99
71) Phenanthrene	11.29	178	1195819	40.895	ng		98
72) Anthracene	11.34	178	1252081	42.855	ng		99
73) Carbazole	11.49	167	1054775	40.524	ng		98
74) Di-n-butylphthalate	11.82	149	1383062	43.878	ng		98
75) Fluoranthene	12.47	202	1227937	39.562	ng		99
77) Benzidine	12.59	184	520083	40.653	ng		98
78) Pyrene	12.70	202	1207585	47.808	ng		98
80) Butylbenzylphthalate	13.31	149	532377	50.078	ng		96
81) Benzo(a)anthracene	13.89	228	918350	42.847	ng		98
82) 3,3'-Dichlorobenzidine	13.85	252	241076	28.966	ng		98
83) Chrysene	13.93	228	874993	40.971	ng		99
84) Bis(2-ethylhexyl)phthalate	13.87	149	727789	54.189	ng		100
85) Di-n-octyl phthalate	14.48	149	1091781	51.020	ng		99
86) Indeno(1,2,3-cd)pyrene	16.75	276	904617	43.745	ng		100
88) Benzo(b)fluoranthene	14.92	252	770595	40.726	ng		100
89) Benzo(k)fluoranthene	14.94	252	738929	42.141	ng		99
90) Benzo(a)pyrene	15.27	252	689208	40.359	ng		99
91) Dibenzo(a,h)anthracene	16.75	278	764785	50.898	ng		99
92) Benzo(g,h,i)perylene	17.17	276	760472	51.223	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
Data File : BF119190.D
Acq On : 4 Mar 2020 12:57
Operator : CG/JU
Sample : L1744-03MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 04 13:50:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Manual Integrations APPROVED
mohammad
3/5/2020 3:54:13 PM