Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114815.D
Acq On : 5 Jun 2019 12:38
Operator : HP/JU
Sample : K2641-14MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Manual Integrations APPROVED
mohammad
6/6/2019 4:49:47 PM

Quant Time: Jun 06 05:14:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	511824	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	1968308	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	1029987	20.00	ng		0.00
64) Phenanthrene-d10	11.17	188	2032706	20.00	ng		0.00
76) Chrysene-d12	13.79	240	1278722	20.00	ng		0.00
87) Perylene-d12	15.18	264	1655485	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	2815260	96.11	ng		0.02
7) Phenol-d6	6.31	99	3279571	92.01	ng		0.00
23) Nitrobenzene-d5	7.23	82	2363280	73.91	ng		0.00
42) 2,4,6-Tribromophenol	10.48	330	1213752	109.35	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	4405544	80.13	ng		0.00
79) Terphenyl-d14	12.75	244	4824606	73.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	444291	31.769	ng	#	85
3) Pyridine	3.11	79	967656	25.177	ng		99
4) n-Nitrosodimethylamine	3.03	42	490590	34.877	ng		97
6) Aniline	6.33	93	380172	7.517	ng	#	1
8) 2-Chlorophenol	6.46	128	1236715	36.542	ng		95
9) Benzaldehyde	6.21	77	352087	14.241	ng		99
10) Phenol	6.32	94	1233760	30.270	ng		79
11) bis(2-Chloroethyl)ether	6.41	93	1140457	35.853	ng		99
12) 1,3-Dichlorobenzene	6.61	146	1223526	31.025	ng		99
13) 1,4-Dichlorobenzene	6.69	146	1245238	31.381	ng		99
14) 1,2-Dichlorobenzene	6.84	146	1172657	32.722	ng		99
15) Benzyl Alcohol	6.81	79	988263	36.666	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1595588	35.073	ng		100
17) 2-Methylphenol	6.93	107	1002703	34.661	ng		99
18) Hexachloroethane	7.18	117	446521	29.896	ng		98
19) n-Nitroso-di-n-propylamine	7.09	70	809549	34.313	ng		99
20) 3+4-Methylphenols	7.08	107	1147014	35.948	ng		89
22) Acetophenone	7.07	105	1627690	37.561	ng	#	97
24) Nitrobenzene	7.25	77	1250063	37.738	ng		100
25) Isophorone	7.49	82	2337797	36.983	ng		100
26) 2-Nitrophenol	7.56	139	702357	39.149	ng		95
27) 2,4-Dimethylphenol	7.61	122	1111794	40.772	ng		99
28) bis(2-Chloroethoxy)methane	7.70	93	1496393	37.033	ng		100
29) 2,4-Dichlorophenol	7.80	162	1117951	38.968	ng		98
30) 1,2,4-Trichlorobenzene	7.89	180	1160285	35.248	ng		98
31) Naphthalene	7.97	128	3365720	37.982	ng		99
32) Benzoic acid	7.72	122	524377	26.403	ng		97
33) 4-Chloroaniline	8.02	127	178911	4.232	ng		96
34) Hexachlorobutadiene	8.10	225	616339	32.933	ng		99
35) Caprolactam	8.39	113	298825m	31.886	ng		
36) 4-Chloro-3-methylphenol	8.50	107	1165180	40.816	ng		98
37) 2-Methylnaphthalene	8.66	142	2463169	40.075	ng		99
38) 1-Methylnaphthalene	8.76	142	2342749	40.192	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	1053218	35.483	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114815.D
Acq On : 5 Jun 2019 12:38
Operator : HP/JU
Sample : K2641-14MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Manual Integrations APPROVED
mohammad
6/6/2019 4:49:47 PM

Quant Time: Jun 06 05:14:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	1083131	60.166	ng		99
43) 2,4,6-Trichlorophenol	8.94	196	828294m	35.887	ng		
44) 2,4,5-Trichlorophenol	8.98	196	902140m	38.811	ng		
46) 1,1'-Biphenyl	9.12	154	2881269	37.744	ng		99
47) 2-Chloronaphthalene	9.15	162	2325579	35.852	ng		99
48) 2-Nitroaniline	9.24	65	714810	36.927	ng		95
49) Acenaphthylene	9.56	152	3587022	38.133	ng		99
50) Dimethylphthalate	9.43	163	2838819	37.737	ng		99
51) 2,6-Dinitrotoluene	9.48	165	692902	39.166	ng		90
52) Acenaphthene	9.73	154	2322533	37.691	ng		99
53) 3-Nitroaniline	9.64	138	192247	9.302	ng		93
54) 2,4-Dinitrophenol	9.75	184	283382	35.398	ng		97
55) Dibenzofuran	9.90	168	3208637	37.447	ng		100
56) 4-Nitrophenol	9.82	139	1085722	71.693	ng		98
57) 2,4-Dinitrotoluene	9.89	165	917838	41.269	ng		94
58) Fluorene	10.25	166	2293021	40.920	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.02	232	758294	39.818	ng		99
60) Diethylphthalate	10.13	149	2886352	38.237	ng		99
61) 4-Chlorophenyl-phenylether	10.23	204	1154258	35.171	ng		99
62) 4-Nitroaniline	10.26	138	698881	34.865	ng		99
63) Azobenzene	10.40	77	2531937	39.404	ng		98
65) 4,6-Dinitro-2-methylphenol	10.29	198	267928	25.374	ng		86
66) n-Nitrosodiphenylamine	10.36	169	2341239	38.091	ng		99
67) 4-Bromophenyl-phenylether	10.72	248	831872	36.033	ng		98
68) Hexachlorobenzene	10.79	284	896148	35.468	ng		98
69) Atrazine	10.89	200	803812	37.602	ng		100
70) Pentachlorophenol	10.98	266	949226	64.987	ng		99
71) Phenanthrene	11.19	178	3609116	37.192	ng		98
72) Anthracene	11.25	178	3785610	37.069	ng		99
73) Carbazole	11.40	167	3467376	39.607	ng		98
74) Di-n-butylphthalate	11.75	149	4210025	36.563	ng		98
75) Fluoranthene	12.37	202	3871838	38.335	ng		98
77) Benzidine	12.49	184	700937	11.073	ng		97
78) Pyrene	12.60	202	3944624	35.559	ng		97
80) Butylbenzylphthalate	13.23	149	2132446	38.068	ng		98
81) Benzo(a)anthracene	13.78	228	3612237	36.658	ng		99
82) 3,3'-Dichlorobenzidine	13.74	252	603344	15.100	ng		98
83) Chrysene	13.82	228	3510178	36.618	ng		96
84) Bis(2-ethylhexyl)phthalate	13.80	149	2552572	36.036	ng	#	98
85) Di-n-octyl phthalate	14.41	149	4577273	38.030	ng		99
86) Indeno(1,2,3-cd)pyrene	16.50	276	3863503	35.324	ng		99
88) Benzo(b)fluoranthene	14.80	252	4076228	38.677	ng		100
89) Benzo(k)fluoranthene	14.83	252	3121727	34.880	ng		98
90) Benzo(a)pyrene	15.13	252	3517100	38.556	ng		97
91) Dibenzo(a,h)anthracene	16.52	278	3156163	36.535	ng		99
92) Benzo(g,h,i)perylene	16.89	276	3251901	37.433	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114815.D
Acq On : 5 Jun 2019 12:38
Operator : HP/JU
Sample : K2641-14MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 06 05:14:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Manual Integrations APPROVED
mohammad
6/6/2019 4:49:47 PM