Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117569.D
Acq On : 28 Oct 2019 18:45
Operator : JU
Sample : K5501-13MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Manual Integrations APPROVED
mohammad
10/30/2019 4:51:22 PM

Quant Time: Oct 29 17:41:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	40711	20.00	ng		-0.01
21) Naphthalene-d8	8.01	136	160403	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	80151	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	123714	20.00	ng		0.00
76) Chrysene-d12	13.89	240	66961	20.00	ng		0.00
87) Perylene-d12	15.32	264	77152	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	234881	85.83	ng		0.00
7) Phenol-d6	6.38	99	323225	87.94	ng		0.00
23) Nitrobenzene-d5	7.29	82	198414	61.07	ng		-0.01
42) 2,4,6-Tribromophenol	10.56	330	54846	79.08	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	332050	58.37	ng		-0.01
79) Terphenyl-d14	12.83	244	245083	59.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	39653	34.465	ng	#	95
3) Pyridine	3.18	79	94657	33.608	ng		97
4) n-Nitrosodimethylamine	3.11	42	38705	37.880	ng		98
6) Aniline	6.39	93	83916	19.448	ng	#	8
8) 2-Chlorophenol	6.52	128	111655	38.667	ng		95
9) Benzaldehyde	6.28	77	64537	34.982	ng		93
10) Phenol	6.39	94	150273	40.059	ng		86
11) bis(2-Chloroethyl)ether	6.46	93	101806	36.691	ng		99
12) 1,3-Dichlorobenzene	6.66	146	114979	35.682	ng		98
13) 1,4-Dichlorobenzene	6.74	146	120125	36.748	ng		98
14) 1,2-Dichlorobenzene	6.90	146	110097	35.730	ng		97
15) Benzyl Alcohol	6.88	79	98833	37.638	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	105975	35.405	ng	#	44
17) 2-Methylphenol	7.00	107	91063	38.335	ng	#	89
18) Hexachloroethane	7.23	117	43761	34.298	ng		90
19) n-Nitroso-di-n-propylamine	7.15	70	82323	36.675	ng		98
20) 3+4-Methylphenols	7.16	107	121161	38.903	ng	#	61
22) Acetophenone	7.14	105	164793	38.690	ng		94
24) Nitrobenzene	7.31	77	123976	39.838	ng		98
25) Isophorone	7.55	82	216542	38.525	ng		97
26) 2-Nitrophenol	7.63	139	55803	40.205	ng		96
27) 2,4-Dimethylphenol	7.67	122	92708	44.694	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	129887	37.450	ng		99
29) 2,4-Dichlorophenol	7.89	162	86716	39.857	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	87503	37.478	ng		99
31) Naphthalene	8.03	128	319064	40.131	ng		99
32) Benzoic acid	7.83	122	47052	33.118	ng		93
33) 4-Chloroaniline	8.09	127	38343	11.427	ng		99
34) Hexachlorobutadiene	8.15	225	46414	34.346	ng		98
35) Caprolactam	8.46	113	29061m	41.580	ng		
36) 4-Chloro-3-methylphenol	8.59	107	100214	40.388	ng		97
37) 2-Methylnaphthalene	8.72	142	213485	39.849	ng		99
38) 1-Methylnaphthalene	8.82	142	201968	40.119	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	78864	36.532	ng		98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117569.D
Acq On : 28 Oct 2019 18:45
Operator : JU
Sample : K5501-13MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 29 17:41:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Manual Integrations APPROVED
mohammad
10/30/2019 4:51:22 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	6711	23.447	ng		97
43) 2,4,6-Trichlorophenol	9.01	196	52797	39.054	ng		99
44) 2,4,5-Trichlorophenol	9.07	196	55212	40.304	ng		97
46) 1,1'-Biphenyl	9.18	154	244908	36.909	ng		97
47) 2-Chloronaphthalene	9.21	162	191460	38.269	ng		99
48) 2-Nitroaniline	9.32	65	61628	37.524	ng		89
49) Acenaphthylene	9.62	152	295359	40.193	ng		99
50) Dimethylphthalate	9.49	163	262811	45.995	ng		99
51) 2,6-Dinitrotoluene	9.56	165	45679	38.310	ng		91
52) Acenaphthene	9.79	154	173415	38.464	ng		98
53) 3-Nitroaniline	9.73	138	27334	18.894	ng		97
54) 2,4-Dinitrophenol	9.87	184	11506	26.517	ng		92
55) Dibenzofuran	9.97	168	258828	39.625	ng		98
56) 4-Nitrophenol	9.92	139	33881	52.380	ng		99
57) 2,4-Dinitrotoluene	9.97	165	61011	38.486	ng	#	84
58) Fluorene	10.31	166	206894	38.302	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	39197	36.405	ng		94
60) Diethylphthalate	10.18	149	211346	36.569	ng		98
61) 4-Chlorophenyl-phenylether	10.30	204	92989	38.370	ng		95
62) 4-Nitroaniline	10.35	138	40651	29.811	ng		98
63) Azobenzene	10.46	77	229374	38.770	ng		98
65) 4,6-Dinitro-2-methylphenol	10.39	198	11034	17.542	ng		93
66) n-Nitrosodiphenylamine	10.42	169	180391	39.885	ng		97
67) 4-Bromophenyl-phenylether	10.79	248	49459	37.116	ng		94
68) Hexachlorobenzene	10.87	284	50790	35.590	ng	#	90
69) Atrazine	10.95	200	51992	45.183	ng		97
70) Pentachlorophenol	11.07	266	26442	61.807	ng		99
71) Phenanthrene	11.27	178	276308	38.464	ng		99
72) Anthracene	11.32	178	288650	39.161	ng		99
73) Carbazole	11.49	167	251314	37.309	ng		99
74) Di-n-butylphthalate	11.80	149	329811	36.644	ng		99
75) Fluoranthene	12.46	202	243541	33.866	ng		97
77) Benzidine	12.59	184	101197	64.040	ng		98
78) Pyrene	12.69	202	236392	41.100	ng		98
80) Butylbenzylphthalate	13.30	149	111904	39.098	ng		94
81) Benzo(a)anthracene	13.88	228	178405	39.498	ng		98
82) 3,3'-Dichlorobenzidine	13.84	252	53425	37.694	ng		98
83) Chrysene	13.92	228	177118	40.011	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	154294	38.484	ng		97
85) Di-n-octyl phthalate	14.46	149	238610	38.708	ng		99
86) Indeno(1,2,3-cd)pyrene	16.74	276	146971	44.469	ng		98
88) Benzo(b)fluoranthene	14.92	252	168964	37.087	ng		98
89) Benzo(k)fluoranthene	14.94	252	170327	36.476	ng		97
90) Benzo(a)pyrene	15.27	252	155567	37.556	ng		99
91) Dibenzo(a,h)anthracene	16.73	278	126145	35.219	ng		98
92) Benzo(g,h,i)perylene	17.16	276	111030	32.763	ng		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117569.D
Acq On : 28 Oct 2019 18:45
Operator : JU
Sample : K5501-13MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 29 17:41:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Manual Integrations APPROVED
mohammad
10/30/2019 4:51:22 PM