Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111020\
Data File : BF122299.D
Acq On : 10 Nov 2020 15:26
Operator : JU/CG
Sample : L4214-08
Misc : LOQ-WATER-5ppm
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 10 15:53:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 13:10:47 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations APPROVED

mohammad

11/11/2020 10:32:15 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	346953	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	1285677	20.00	ng		0.00
39) Acenaphthene-d10	9.904	164	675321	20.00	ng		0.00
64) Phenanthrene-d10	11.386	188	1221937	20.00	ng		0.00
76) Chrysene-d12	14.027	240	1105413	20.00	ng		0.00
86) Perylene-d12	15.492	264	1084819	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	2246556	99.43	ng		0.00
7) Phenol-d6	6.492	99	2877224	97.34	ng		0.00
23) Nitrobenzene-d5	7.428	82	1866176	88.86	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	799653	110.33	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	3129801	72.41	ng		0.00
79) Terphenyl-d14	12.980	244	3572335	68.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	39671	3.83	ng		92
3) Pyridine	3.440	79	107313	3.77	ng		92
4) n-Nitrosodimethylamine	3.316	42	51222	3.81	ng		96
6) Aniline	6.528	93	151191	3.90	ng		95
8) 2-Chlorophenol	6.651	128	94514	4.03	ng		91
9) Benzaldehyde	6.410	77	80230	4.81	ng		99
10) Phenol	6.498	94	113165m	3.89	ng		
11) bis(2-Chloroethyl)ether	6.598	93	92239	3.99	ng		97
12) 1,3-Dichlorobenzene	6.804	146	108052	4.06	ng		99
13) 1,4-Dichlorobenzene	6.881	146	107739	4.03	ng		98
14) 1,2-Dichlorobenzene	7.039	146	100456	4.03	ng		98
15) Benzyl Alcohol	6.998	79	67269	3.20	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	131716	3.91	ng		98
17) 2-Methylphenol	7.104	107	76471	3.91	ng		98
18) Hexachloroethane	7.381	117	36763	3.95	ng		97
19) n-Nitroso-di-n-propyla...	7.269	70	70959	4.02	ng		98
20) 3+4-Methylphenols	7.257	107	97985	4.07	ng	#	69
22) Acetophenone	7.269	105	141573	4.23	ng	#	86
24) Nitrobenzene	7.445	77	108132	4.50	ng		97
25) Isophorone	7.681	82	180447	3.85	ng		97
26) 2-Nitrophenol	7.757	139	31693	3.91	ng		92
27) 2,4-Dimethylphenol	7.792	122	85492	3.87	ng		99
28) bis(2-Chloroethoxy)met...	7.892	93	113147	3.95	ng		99
29) 2,4-Dichlorophenol	7.998	162	73643	3.77	ng		97
30) 1,2,4-Trichlorobenzene	8.092	180	85757	3.97	ng		97
31) Naphthalene	8.169	128	283453	4.15	ng		99
32) Benzoic acid	7.834	122	23074m	2.32	ng		
33) 4-Chloroaniline	8.210	127	117911	3.96	ng		98
34) Hexachlorobutadiene	8.292	225	49607	4.00	ng		98
35) Caprolactam	8.534	113	23050	3.72	ng		91
36) 4-Chloro-3-methylphenol	8.681	107	78001	3.83	ng		97
37) 2-Methylnaphthalene	8.863	142	188030	4.16	ng		99
38) 1-Methylnaphthalene	8.963	142	173707	4.11	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	84842	4.08	ng		99
41) Hexachlorocyclopentadiene	9.022	237	43724	3.59	ng		98
43) 2,4,6-Trichlorophenol	9.133	196	50234	3.72	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111020\
Data File : BF122299.D
Acq On : 10 Nov 2020 15:26
Operator : JU/CG
Sample : L4214-08
Misc : LOQ-WATER-5ppm
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 10 15:53:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 13:10:47 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations APPROVED

mohammad

11/11/2020 10:32:15 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	51650	3.65	ng		98
46) 1,1'-Biphenyl	9.328	154	231649	4.31	ng		97
47) 2-Chloronaphthalene	9.351	162	173155	4.06	ng		95
48) 2-Nitroaniline	9.433	65	41134	3.93	ng		93
49) Acenaphthylene	9.763	152	268272	4.09	ng		99
50) Dimethylphthalate	9.616	163	194955	4.06	ng		99
51) 2,6-Dinitrotoluene	9.675	165	37149	4.00	ng		96
52) Acenaphthene	9.933	154	169862	4.19	ng		99
53) 3-Nitroaniline	9.839	138	42668	3.98	ng	#	99
54) 2,4-Dinitrophenol	9.945	184	6449	2.27	ng	#	1
55) Dibenzofuran	10.104	168	247488	4.16	ng		98
56) 4-Nitrophenol	9.986	139	31028	3.39	ng		93
57) 2,4-Dinitrotoluene	10.075	165	42553	3.79	ng	#	94
58) Fluorene	10.451	166	196648	4.32	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	45602	3.87	ng		98
60) Diethylphthalate	10.322	149	189502	4.02	ng		97
61) 4-Chlorophenyl-phenyle...	10.445	204	91406	4.25	ng		98
62) 4-Nitroaniline	10.445	138	40232	3.81	ng		88
63) Azobenzene	10.604	77	200284	4.05	ng		99
65) 4,6-Dinitro-2-methylph...	10.480	198	11218	2.42	ng		78
66) n-Nitrosodiphenylamine	10.557	169	168778	4.05	ng		97
67) 4-Bromophenyl-phenylether	10.933	248	56688	3.95	ng		97
68) Hexachlorobenzene	10.998	284	62137	4.01	ng		98
69) Atrazine	11.080	200	45348	4.37	ng		99
70) Pentachlorophenol	11.186	266	28613	3.20	ng		98
71) Phenanthrene	11.410	178	294336	4.25	ng		99
72) Anthracene	11.463	178	295982	4.14	ng		99
73) Carbazole	11.610	167	268637	4.13	ng		99
74) Di-n-butylphthalate	11.951	149	270902	3.91	ng		98
75) Fluoranthene	12.598	202	295571	4.08	ng		97
77) Benzidine	12.716	184	135141	4.41	ng	#	95
78) Pyrene	12.827	202	313399	4.04	ng		98
80) Butylbenzylphthalate	13.451	149	91878	3.29	ng		90
81) Benzo(a)anthracene	14.015	228	288398	4.20	ng		98
82) 3,3'-Dichlorobenzidine	13.974	252	95489	3.73	ng		96
83) Chrysene	14.051	228	287245	4.15	ng		98
84) Bis(2-ethylhexyl)phtha...	14.015	149	146086	3.90	ng		100
85) Di-n-octyl phthalate	14.627	149	210301	3.31	ng		99
87) Indeno(1,2,3-cd)pyrene	16.939	276	242365	3.72	ng		99
88) Benzo(b)fluoranthene	15.057	252	270183	3.85	ng		98
89) Benzo(k)fluoranthene	15.086	252	258121	3.77	ng		98
90) Benzo(a)pyrene	15.421	252	228876	3.74	ng		99
91) Dibenzo(a,h)anthracene	16.962	278	205223	3.76	ng		97
92) Benzo(g,h,i)perylene	17.374	276	194378	3.67	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111020\
Data File : BF122299.D
Acq On : 10 Nov 2020 15:26
Operator : JU/CG
Sample : L4214-08
Misc : LOQ-WATER-5ppm
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 10 15:53:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 13:10:47 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations APPROVED

mohammad

11/11/2020 10:32:15 AM