Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
Data File : BF122032.D
Acq On : 20 Oct 2020 16:35
Operator : JU/CG
Sample : L4435-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
5412MS

Manual Integrations APPROVED
mohammad
10/21/2020 12:50:06 PM

Quant Time: Oct 20 17:12:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 12:55:05 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	104680	20.00	ng		-0.02
21) Naphthalene-d8	8.016	136	422943	20.00	ng		-0.01
39) Acenaphthene-d10	9.769	164	221620	20.00	ng		-0.01
64) Phenanthrene-d10	11.257	188	410500	20.00	ng		0.00
76) Chrysene-d12	13.898	240	276897	20.00	ng		-0.01
86) Perylene-d12	15.327	264	255378	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	712266	100.42	ng		0.00
7) Phenol-d6	6.381	99	822101	90.04	ng		-0.01
23) Nitrobenzene-d5	7.304	82	681104	82.59	ng		-0.01
42) 2,4,6-Tribromophenol	10.563	330	314514	114.72	ng		-0.01
45) 2-Fluorobiphenyl	9.092	172	1184335	78.63	ng		-0.01
79) Terphenyl-d14	12.839	244	1250879	86.09	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.552	88	109078	34.97	ng	#	83
3) Pyridine	3.263	79	262053	31.95	ng		99
4) n-Nitrosodimethylamine	3.175	42	161485	40.74	ng		96
6) Aniline	6.404	93	116745	10.38	ng	#	25
8) 2-Chlorophenol	6.522	128	318517	44.43	ng		96
9) Benzaldehyde	6.287	77	113622	18.72	ng		99
10) Phenol	6.392	94	346744	36.80	ng		86
11) bis(2-Chloroethyl)ether	6.469	93	328191	45.05	ng		99
12) 1,3-Dichlorobenzene	6.669	146	325271	40.34	ng		99
13) 1,4-Dichlorobenzene	6.745	146	333835	41.23	ng		100
14) 1,2-Dichlorobenzene	6.898	146	311949	42.15	ng		99
15) Benzyl Alcohol	6.887	79	287290	48.65	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.010	45	480854	42.90	ng		61
17) 2-Methylphenol	7.004	107	253962	41.43	ng	#	89
18) Hexachloroethane	7.239	117	122210	41.79	ng		93
19) n-Nitroso-di-n-propyla...	7.151	70	239795	46.13	ng		99
20) 3+4-Methylphenols	7.157	107	328836	44.49	ng	#	75
22) Acetophenone	7.145	105	447973	41.17	ng	#	89
24) Nitrobenzene	7.322	77	358979	40.72	ng		98
25) Isophorone	7.563	82	650760	41.73	ng		98
26) 2-Nitrophenol	7.634	139	171022	42.13	ng		94
27) 2,4-Dimethylphenol	7.681	122	285910	41.32	ng		98
28) bis(2-Chloroethoxy)met...	7.769	93	414813	42.52	ng		100
29) 2,4-Dichlorophenol	7.886	162	274864	42.42	ng		96
30) 1,2,4-Trichlorobenzene	7.957	180	277154	40.22	ng		99
31) Naphthalene	8.034	128	918868	40.56	ng		99
32) Benzoic acid	7.839	122	168710	43.51	ng		98
33) 4-Chloroaniline	8.098	127	85118	8.82	ng		98
34) Hexachlorobutadiene	8.151	225	165368	40.47	ng		98
35) Caprolactam	8.481	113	64069m	31.13	ng		
36) 4-Chloro-3-methylphenol	8.592	107	300595	43.19	ng		98
37) 2-Methylnaphthalene	8.728	142	609585	41.54	ng		99
38) 1-Methylnaphthalene	8.828	142	563840	41.49	ng		99
40) 1,2,4,5-Tetrachloroben...	8.892	216	289171	40.43	ng		100
41) Hexachlorocyclopentadiene	8.875	237	129730	64.46	ng		98
43) 2,4,6-Trichlorophenol	9.016	196	198017	44.87	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
Data File : BF122032.D
Acq On : 20 Oct 2020 16:35
Operator : JU/CG
Sample : L4435-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
5412MS

Manual Integrations APPROVED
mohammad
10/21/2020 12:50:06 PM

Quant Time: Oct 20 17:12:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 12:55:05 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	204275	42.86	ng		99
46) 1,1'-Biphenyl	9.192	154	745881	41.39	ng		99
47) 2-Chloronaphthalene	9.216	162	575841	41.09	ng		99
48) 2-Nitroaniline	9.322	65	199709	43.20	ng		96
49) Acenaphthylene	9.633	152	872171	40.52	ng		100
50) Dimethylphthalate	9.498	163	786113	48.51	ng		100
51) 2,6-Dinitrotoluene	9.569	165	155251	43.67	ng		85
52) Acenaphthene	9.804	154	533482	41.67	ng		99
53) 3-Nitroaniline	9.733	138	60650	15.00	ng		95
54) 2,4-Dinitrophenol	9.857	184	139863	77.41	ng		89
55) Dibenzofuran	9.975	168	779804	41.65	ng		97
56) 4-Nitrophenol	9.922	139	155237	70.59	ng	#	76
57) 2,4-Dinitrotoluene	9.975	165	191197	43.69	ng	#	79
58) Fluorene	10.322	166	638745	42.34	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.104	232	170961	46.36	ng		99
60) Diethylphthalate	10.198	149	701783	44.91	ng		99
61) 4-Chlorophenyl-phenyle...	10.310	204	314434	43.47	ng		99
62) 4-Nitroaniline	10.357	138	136713	33.85	ng		96
63) Azobenzene	10.469	77	716409	43.35	ng		99
65) 4,6-Dinitro-2-methylph...	10.386	198	108722	40.31	ng		87
66) n-Nitrosodiphenylamine	10.433	169	599795	42.42	ng		99
67) 4-Bromophenyl-phenylether	10.798	248	206943	43.64	ng		100
68) Hexachlorobenzene	10.869	284	228613	42.59	ng		95
69) Atrazine	10.963	200	152021	43.97	ng		99
70) Pentachlorophenol	11.069	266	189769	88.93	ng		97
71) Phenanthrene	11.280	178	942845	41.89	ng		100
72) Anthracene	11.333	178	971665	41.62	ng		99
73) Carbazole	11.492	167	846303	40.77	ng		100
74) Di-n-butylphthalate	11.816	149	1071951	44.89	ng		100
75) Fluoranthene	12.469	202	976851	40.48	ng		99
77) Benzidine	12.592	184	203225	23.81	ng		99
78) Pyrene	12.698	202	968330	45.89	ng		99
80) Butylbenzylphthalate	13.310	149	414076	49.48	ng		96
81) Benzo(a)anthracene	13.886	228	771107	42.50	ng		100
82) 3,3'-Dichlorobenzidine	13.851	252	115117	17.10	ng		98
83) Chrysene	13.927	228	764174	42.90	ng		99
84) Bis(2-ethylhexyl)phtha...	13.868	149	575689	50.67	ng		100
85) Di-n-octyl phthalate	14.480	149	881941	47.99	ng		100
87) Indeno(1,2,3-cd)pyrene	16.751	276	824303	49.71	ng		98
88) Benzo(b)fluoranthene	14.921	252	703220	40.74	ng		98
89) Benzo(k)fluoranthene	14.951	252	693602	42.30	ng		99
90) Benzo(a)pyrene	15.274	252	632453	42.42	ng		99
91) Dibenzo(a,h)anthracene	16.751	278	678329	49.68	ng		98
92) Benzo(g,h,i)perylene	17.168	276	701362	51.33	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
Data File : BF122032.D
Acq On : 20 Oct 2020 16:35
Operator : JU/CG
Sample : L4435-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 20 17:12:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 12:55:05 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
5412MS

Manual Integrations APPROVED
mohammad
10/21/2020 12:50:06 PM