Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121521\
Data File : BF126202.D
Acq On : 15 Dec 2021 20:31
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF121521

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021

Quant Time: Dec 16 12:29:12 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	201064	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	823236	20.000	ng		# 0.00
39) Acenaphthene-d10	9.851	164	381854	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	594186	20.000	ng		# 0.00
76) Chrysene-d12	13.969	240	288633	20.000	ng		# 0.00
86) Perylene-d12	15.410	264	282534	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	1146275	83.956	ng		0.00
7) Phenol-d6	6.440	99	1458831	84.150	ng		0.00
23) Nitrobenzene-d5	7.381	82	1291853	84.989	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	267267	87.093	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1670738	76.738	ng		0.00
79) Terphenyl-d14	12.922	244	1409467	84.877	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.540	88	287570	43.149	ng	#	100
3) Pyridine	3.269	79	770023	43.507	ng	#	80
4) n-Nitrosodimethylamine	3.216	42	293971	43.217	ng	#	1
6) Aniline	6.481	93	936596	42.533	ng		95
8) 2-Chlorophenol	6.598	128	592587	42.800	ng		87
9) Benzaldehyde	6.363	77	418517	40.006	ng		94
10) Phenol	6.451	94	827050m	42.500	ng		
11) bis(2-Chloroethyl)ether	6.551	93	638639	42.280	ng		96
12) 1,3-Dichlorobenzene	6.757	146	596533	42.712	ng		97
13) 1,4-Dichlorobenzene	6.834	146	596198	42.272	ng		96
14) 1,2-Dichlorobenzene	6.987	146	550014	42.177	ng		95
15) Benzyl Alcohol	6.957	79	540870	42.737	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.098	45	1052816	42.591	ng		94
17) 2-Methylphenol	7.063	107	513929	42.372	ng		98
18) Hexachloroethane	7.334	117	238425	42.977	ng		96
19) n-Nitroso-di-n-propyla...	7.234	70	433232	40.707	ng	#	73
20) 3+4-Methylphenols	7.216	107	603674	42.100	ng		92
22) Acetophenone	7.228	105	785392	41.453	ng	#	95
24) Nitrobenzene	7.398	77	649828	42.825	ng		91
25) Isophorone	7.640	82	1199918	41.803	ng	#	87
26) 2-Nitrophenol	7.716	139	303687	44.396	ng	#	85
27) 2,4-Dimethylphenol	7.751	122	484953	41.746	ng		97
28) bis(2-Chloroethoxy)met...	7.851	93	780764	41.371	ng	#	97
29) 2,4-Dichlorophenol	7.951	162	441588	42.764	ng		92
30) 1,2,4-Trichlorobenzene	8.040	180	452143	42.332	ng		99
31) Naphthalene	8.122	128	1628591	42.302	ng		99
32) Benzoic acid	7.863	122	430756	43.042	ng		88
33) 4-Chloroaniline	8.169	127	696596	43.334	ng		98
34) Hexachlorobutadiene	8.245	225	224574	42.811	ng		97
35) Caprolactam	8.528	113	112667	43.903	ng		87
36) 4-Chloro-3-methylphenol	8.639	107	521275	42.795	ng		88
37) 2-Methylnaphthalene	8.810	142	1002405	42.279	ng		97
38) 1-Methylnaphthalene	8.910	142	972888	42.283	ng		95
40) 1,2,4,5-Tetrachloroben...	8.981	216	345400	41.910	ng	#	97
41) Hexachlorocyclopentadiene	8.969	237	206023	43.654	ng		95
43) 2,4,6-Trichlorophenol	9.087	196	272755	42.072	ng		94

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121521\
Data File : BF126202.D
Acq On : 15 Dec 2021 20:31
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 16 12:29:12 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF121521

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	288869	43.027	ng		94
46) 1,1'-Biphenyl	9.281	154	1183763	41.926	ng		97
47) 2-Chloronaphthalene	9.298	162	899721	42.353	ng		98
48) 2-Nitroaniline	9.392	65	335285	43.241	ng		92
49) Acenaphthylene	9.716	152	1380109	42.517	ng		97
50) Dimethylphthalate	9.581	163	1015381	41.978	ng		98
51) 2,6-Dinitrotoluene	9.634	165	231298	44.179	ng	#	81
52) Acenaphthene	9.886	154	884848	42.034	ng		100
53) 3-Nitroaniline	9.804	138	290680	43.682	ng	#	81
54) 2,4-Dinitrophenol	9.904	184	99134	45.986	ng	#	77
55) Dibenzofuran	10.057	168	1216663	42.451	ng		99
56) 4-Nitrophenol	9.951	139	220853	45.947	ng	#	83
57) 2,4-Dinitrotoluene	10.034	165	301400	45.130	ng	#	91
58) Fluorene	10.404	166	805798	38.836	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	212007	42.589	ng	#	97
60) Diethylphthalate	10.281	149	1032857	42.490	ng		97
61) 4-Chlorophenyl-phenyle...	10.392	204	365325	39.105	ng		98
62) 4-Nitroaniline	10.410	138	243241	43.574	ng	#	75
63) Azobenzene	10.557	77	1256554	42.678	ng		84
65) 4,6-Dinitro-2-methylph...	10.439	198	143928	44.359	ng		86
66) n-Nitrosodiphenylamine	10.516	169	795408	41.711	ng		97
67) 4-Bromophenyl-phenylether	10.886	248	233195	41.817	ng		93
68) Hexachlorobenzene	10.951	284	266381	41.533	ng	#	84
69) Atrazine	11.039	200	152907	43.755	ng		95
70) Pentachlorophenol	11.133	266	159747	44.896	ng		93
71) Phenanthrene	11.363	178	1271816	41.471	ng		97
72) Anthracene	11.410	178	1299514	42.217	ng		98
73) Carbazole	11.563	167	1230445	42.446	ng		100
74) Di-n-butylphthalate	11.904	149	1546253	42.077	ng		100
75) Fluoranthene	12.545	202	1146647	41.499	ng		93
77) Benzidine	12.663	184	194020	42.638	ng		96
78) Pyrene	12.775	202	1157991	43.669	ng		97
80) Butylbenzylphthalate	13.398	149	546816	43.821	ng	#	80
81) Benzo(a)anthracene	13.957	228	749640	43.846	ng		100
82) 3,3'-Dichlorobenzidine	13.921	252	337441	43.201	ng	#	96
83) Chrysene	13.998	228	782728	44.063	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	593481	42.561	ng		99
85) Di-n-octyl phthalate	14.574	149	1071133	43.091	ng		99
87) Indeno(1,2,3-cd)pyrene	16.833	276	894158	47.447	ng		93
88) Benzo(b)fluoranthene	14.992	252	697916m	41.112	ng		
89) Benzo(k)fluoranthene	15.021	252	728942	44.886	ng	#	95
90) Benzo(a)pyrene	15.351	252	620766	43.997	ng	#	96
91) Dibenzo(a,h)anthracene	16.857	278	721731	47.112	ng	#	94
92) Benzo(g,h,i)perylene	17.268	276	759818	47.937	ng		93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121521\
Data File : BF126202.D
Acq On : 15 Dec 2021 20:31
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 16 12:29:12 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF121521

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021