Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090821\
Data File : BF125400.D
Acq On : 8 Sep 2021 14:41
Operator : JU/CG
Sample : PB138978BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138978BS

Manual Integrations APPROVED
mohammad
9/9/2021 11:51:18 AM

Quant Time: Sep 08 15:45:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 08 14:14:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	200830	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	809975	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	440156	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	788495	20.000	ng	0.00
76) Chrysene-d12	14.062	240	474887	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	414476	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1332465	100.424	ng	0.01
7) Phenol-d6	6.528	99	1678647	97.822	ng	0.00
23) Nitrobenzene-d5	7.457	82	1148281	71.371	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	569384	129.590	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	2044837	64.749	ng	0.00
79) Terphenyl-d14	13.004	244	2325049	77.998	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	200179	30.575	ng	# 100
3) Pyridine	3.516	79	490950	28.405	ng	# 90
4) n-Nitrosodimethylamine	3.475	42	307495	35.553	ng	# 35
6) Aniline	6.551	93	729911	36.211	ng	# 90
8) 2-Chlorophenol	6.675	128	534212	39.467	ng	82
9) Benzaldehyde	6.439	77	387856	32.206	ng	94
10) Phenol	6.539	94	670969	37.337	ng	80
11) bis(2-Chloroethyl)ether	6.622	93	555698	39.263	ng	84
12) 1,3-Dichlorobenzene	6.828	146	582884	37.162	ng	97
13) 1,4-Dichlorobenzene	6.904	146	588007	37.623	ng	98
14) 1,2-Dichlorobenzene	7.057	146	566829	38.550	ng	99
15) Benzyl Alcohol	7.033	79	497036	37.619	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1012273	35.664	ng	94
17) 2-Methylphenol	7.145	107	457653	40.250	ng	# 93
18) Hexachloroethane	7.398	117	212467	38.823	ng	# 84
19) n-Nitroso-di-n-propyla...	7.304	70	389270	37.714	ng	# 76
20) 3+4-Methylphenols	7.298	107	515555	36.121	ng	# 71
22) Acetophenone	7.298	105	730206	35.029	ng	# 86
24) Nitrobenzene	7.475	77	620942	35.420	ng	89
25) Isophorone	7.716	82	1126930	36.309	ng	# 89
26) 2-Nitrophenol	7.786	139	297213	42.458	ng	# 78
27) 2,4-Dimethylphenol	7.828	122	465764	38.006	ng	91
28) bis(2-Chloroethoxy)met...	7.922	93	694993	40.442	ng	# 97
29) 2,4-Dichlorophenol	8.033	162	471131	37.696	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	510582	37.464	ng	95
31) Naphthalene	8.192	128	1435996	34.618	ng	99
32) Benzoic acid	7.969	122	317205	38.136	ng	# 86
33) 4-Chloroaniline	8.245	127	479467	29.320	ng	# 94
34) Hexachlorobutadiene	8.304	225	323360	37.210	ng	98
35) Caprolactam	8.627	113	150263m	46.418	ng	
36) 4-Chloro-3-methylphenol	8.733	107	520174	40.770	ng	91
37) 2-Methylnaphthalene	8.886	142	1003898	36.624	ng	99
38) 1-Methylnaphthalene	8.986	142	936074	36.569	ng	97
40) 1,2,4,5-Tetrachloroben...	9.051	216	516365	35.907	ng	97
41) Hexachlorocyclopentadiene	9.039	237	569860	75.424	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	360767	35.629	ng	98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090821\
Data File : BF125400.D
Acq On : 8 Sep 2021 14:41
Operator : JU/CG
Sample : PB138978BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138978BS

Manual Integrations APPROVED
mohammad
9/9/2021 11:51:18 AM

Quant Time: Sep 08 15:45:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 08 14:14:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	384632	36.106	ng		93
46) 1,1'-Biphenyl	9.351	154	1187592	33.467	ng		99
47) 2-Chloronaphthalene	9.374	162	986437	34.207	ng		98
48) 2-Nitroaniline	9.475	65	360793	40.362	ng	#	82
49) Acenaphthylene	9.792	152	1471791	35.025	ng		98
50) Dimethylphthalate	9.657	163	1183237	38.792	ng	#	97
51) 2,6-Dinitrotoluene	9.716	165	264612	40.008	ng	#	80
52) Acenaphthene	9.969	154	861334	33.065	ng		98
53) 3-Nitroaniline	9.886	138	220854	30.964	ng	#	74
54) 2,4-Dinitrophenol	9.998	184	276333	105.771	ng	#	84
55) Dibenzofuran	10.139	168	1269936	33.874	ng		98
56) 4-Nitrophenol	10.063	139	392028	69.407	ng	#	79
57) 2,4-Dinitrotoluene	10.122	165	341455	42.656	ng	#	93
58) Fluorene	10.480	166	1005292	36.270	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.257	232	309811	39.189	ng	#	83
60) Diethylphthalate	10.351	149	1138280	38.279	ng		98
61) 4-Chlorophenyl-phenyle...	10.469	204	530090	37.826	ng		89
62) 4-Nitroaniline	10.510	138	273592	42.656	ng	#	83
63) Azobenzene	10.633	77	1160851	34.804	ng		90
65) 4,6-Dinitro-2-methylph...	10.533	198	185279	44.397	ng		89
66) n-Nitrosodiphenylamine	10.592	169	985169	34.894	ng		96
67) 4-Bromophenyl-phenylether	10.963	248	364840	38.532	ng	#	87
68) Hexachlorobenzene	11.027	284	398121	40.873	ng	#	85
69) Atrazine	11.121	200	337801	41.696	ng		90
70) Pentachlorophenol	11.227	266	396823	69.772	ng		90
71) Phenanthrene	11.445	178	1531766	35.256	ng		97
72) Anthracene	11.498	178	1549801	36.191	ng		98
73) Carbazole	11.651	167	1353858	34.596	ng		99
74) Di-n-butylphthalate	11.974	149	1727957	37.210	ng		99
75) Fluoranthene	12.633	202	1580973	36.673	ng		97
77) Benzidine	12.757	184	1014210	61.151	ng		97
78) Pyrene	12.863	202	1586406	38.944	ng		96
80) Butylbenzylphthalate	13.474	149	671955	41.980	ng		90
81) Benzo(a)anthracene	14.051	228	1263511	36.927	ng		99
82) 3,3'-Dichlorobenzidine	14.015	252	332798	31.377	ng	#	97
83) Chrysene	14.092	228	1211826	35.813	ng		97
84) Bis(2-ethylhexyl)phtha...	14.033	149	935329	42.516	ng	#	98
85) Di-n-octyl phthalate	14.645	149	1445089	39.494	ng		98
87) Indeno(1,2,3-cd)pyrene	17.056	276	1206706	40.413	ng	#	89
88) Benzo(b)fluoranthene	15.115	252	1153437	38.091	ng	#	94
89) Benzo(k)fluoranthene	15.145	252	1071223	37.911	ng		99
90) Benzo(a)pyrene	15.492	252	1064276	39.789	ng	#	95
91) Dibenzo(a,h)anthracene	17.074	278	1010102	39.135	ng	#	95
92) Benzo(g,h,i)perylene	17.515	276	1033007	41.508	ng	#	87

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090821\
Data File : BF125400.D
Acq On : 8 Sep 2021 14:41
Operator : JU/CG
Sample : PB138978BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 08 15:45:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 08 14:14:01 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB138978BS

Manual Integrations APPROVED
mohammad
9/9/2021 11:51:18 AM