Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091421\
Data File : BF125473.D
Acq On : 14 Sep 2021 14:34
Operator : JU/CG
Sample : PB139016BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB139016BS

Manual Integrations APPROVED
mohammad
9/15/2021 4:27:01 PM

Quant Time: Sep 14 14:59:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 14 11:45:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	182874	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	726662	20.000	ng	#	0.00
39) Acenaphthene-d10	9.922	164	383337	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	684670	20.000	ng		0.00
76) Chrysene-d12	14.062	240	412535	20.000	ng	#	0.00
86) Perylene-d12	15.551	264	318897	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1329627	110.050	ng		0.02
7) Phenol-d6	6.528	99	1657876	106.098	ng		0.00
23) Nitrobenzene-d5	7.451	82	1164828	80.701	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	557074	145.581	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	2015722	73.287	ng		0.00
79) Terphenyl-d14	12.998	244	2211041	85.384	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.798	88	204985	34.383	ng	#	100
3) Pyridine	3.545	79	493451	31.353	ng	#	90
4) n-Nitrosodimethylamine	3.510	42	329272	41.809	ng	#	41
6) Aniline	6.545	93	663763	36.163	ng	#	81
8) 2-Chlorophenol	6.669	128	543399	44.088	ng		82
9) Benzaldehyde	6.434	77	389552	35.523	ng		93
10) Phenol	6.539	94	652632	39.882	ng	#	61
11) bis(2-Chloroethyl)ether	6.616	93	563155	43.697	ng		84
12) 1,3-Dichlorobenzene	6.822	146	597855	41.859	ng		99
13) 1,4-Dichlorobenzene	6.898	146	596733	41.931	ng		99
14) 1,2-Dichlorobenzene	7.045	146	571393	42.676	ng		97
15) Benzyl Alcohol	7.028	79	492990	40.976	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	995734	38.526	ng		84
17) 2-Methylphenol	7.139	107	459576	44.388	ng	#	87
18) Hexachloroethane	7.386	117	219393	44.024	ng	#	87
19) n-Nitroso-di-n-propyla...	7.298	70	390132	41.509	ng	#	78
20) 3+4-Methylphenols	7.292	107	501392	38.578	ng	#	72
22) Acetophenone	7.292	105	746645	39.924	ng	#	84
24) Nitrobenzene	7.469	77	626784	39.852	ng		91
25) Isophorone	7.710	82	1133801	40.719	ng	#	90
26) 2-Nitrophenol	7.781	139	305069	48.577	ng	#	81
27) 2,4-Dimethylphenol	7.822	122	488635	44.444	ng		91
28) bis(2-Chloroethoxy)met...	7.910	93	685763	44.480	ng	#	97
29) 2,4-Dichlorophenol	8.028	162	470028	41.920	ng		98
30) 1,2,4-Trichlorobenzene	8.104	180	511680	41.849	ng		93
31) Naphthalene	8.186	128	1445543	38.843	ng		99
32) Benzoic acid	7.975	122	316340	42.392	ng	#	83
33) 4-Chloroaniline	8.233	127	497756	33.928	ng	#	89
34) Hexachlorobutadiene	8.298	225	335432	43.025	ng		99
35) Caprolactam	8.628	113	135643m	46.706	ng		
36) 4-Chloro-3-methylphenol	8.727	107	504670	44.089	ng		90
37) 2-Methylnaphthalene	8.875	142	1021072	41.521	ng		98
38) 1-Methylnaphthalene	8.975	142	928925	40.451	ng		96
40) 1,2,4,5-Tetrachloroben...	9.045	216	520993	41.599	ng		97
41) Hexachlorocyclopentadiene	9.027	237	500996	76.138	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	354069	40.150	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091421\
Data File : BF125473.D
Acq On : 14 Sep 2021 14:34
Operator : JU/CG
Sample : PB139016BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB139016BS

Manual Integrations APPROVED
mohammad
9/15/2021 4:27:01 PM

Quant Time: Sep 14 14:59:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 14 11:45:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	373763	40.286	ng		95
46) 1,1'-Biphenyl	9.345	154	1151932	37.273	ng		98
47) 2-Chloronaphthalene	9.369	162	964260	38.395	ng		98
48) 2-Nitroaniline	9.469	65	356374	45.777	ng	#	82
49) Acenaphthylene	9.786	152	1423142	38.887	ng		98
50) Dimethylphthalate	9.651	163	1152488	43.384	ng	#	97
51) 2,6-Dinitrotoluene	9.710	165	253629	44.031	ng	#	77
52) Acenaphthene	9.957	154	852030	37.556	ng		99
53) 3-Nitroaniline	9.886	138	228004	36.705	ng	#	81
54) 2,4-Dinitrophenol	9.998	184	298141	131.034	ng	#	85
55) Dibenzofuran	10.133	168	1223153	37.462	ng		99
56) 4-Nitrophenol	10.063	139	356112	72.393	ng	#	78
57) 2,4-Dinitrotoluene	10.122	165	324031	46.479	ng	#	96
58) Fluorene	10.474	166	992769	41.127	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	308852	44.858	ng	#	83
60) Diethylphthalate	10.345	149	1103021	42.591	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	513028	42.035	ng	#	86
62) 4-Nitroaniline	10.510	138	270130	48.359	ng	#	84
63) Azobenzene	10.621	77	1096233	37.738	ng		92
65) 4,6-Dinitro-2-methylph...	10.533	198	195604	53.979	ng		81
66) n-Nitrosodiphenylamine	10.586	169	942862	38.460	ng		97
67) 4-Bromophenyl-phenylether	10.951	248	351916	42.803	ng		97
68) Hexachlorobenzene	11.021	284	379270	44.842	ng	#	86
69) Atrazine	11.116	200	323572	45.996	ng		91
70) Pentachlorophenol	11.221	266	367455	74.405	ng		91
71) Phenanthrene	11.439	178	1460056	38.702	ng		97
72) Anthracene	11.492	178	1485411	39.947	ng		98
73) Carbazole	11.645	167	1310057	38.554	ng		100
74) Di-n-butylphthalate	11.968	149	1632759	40.491	ng		99
75) Fluoranthene	12.627	202	1537829	41.082	ng		97
77) Benzidine	12.751	184	801203	55.609	ng		97
78) Pyrene	12.863	202	1538105	43.465	ng		96
80) Butylbenzylphthalate	13.468	149	638071	45.888	ng		90
81) Benzo(a)anthracene	14.051	228	1242230	41.793	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	400788	43.499	ng		98
83) Chrysene	14.086	228	1187270	40.390	ng		97
84) Bis(2-ethylhexyl)phtha...	14.027	149	820825	42.950	ng	#	98
85) Di-n-octyl phthalate	14.639	149	1229289	38.674	ng	#	98
87) Indeno(1,2,3-cd)pyrene	17.062	276	1039671	45.254	ng	#	89
88) Benzo(b)fluoranthene	15.109	252	1078861	46.307	ng	#	94
89) Benzo(k)fluoranthene	15.145	252	943267m	43.388	ng		
90) Benzo(a)pyrene	15.486	252	958442	46.572	ng	#	95
91) Dibenzo(a,h)anthracene	17.074	278	870197	43.819	ng	#	95
92) Benzo(g,h,i)perylene	17.521	276	905324	47.280	ng	#	87

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091421\
Data File : BF125473.D
Acq On : 14 Sep 2021 14:34
Operator : JU/CG
Sample : PB139016BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 14 14:59:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 14 11:45:52 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB139016BS

Manual Integrations APPROVED
mohammad
9/15/2021 4:27:01 PM