Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136565.D
Acq On : 14 Dec 2023 13:27
Operator : CG\JU
Sample : PB157494BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 14 14:47:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB157494BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	113906	20.000	ng		-0.02
21) Naphthalene-d8	8.069	136	464007	20.000	ng		-0.01
39) Acenaphthene-d10	9.828	164	244924	20.000	ng		-0.01
64) Phenanthrene-d10	11.316	188	465532	20.000	ng		-0.01
76) Chrysene-d12	13.968	240	283591	20.000	ng		-0.01
86) Perylene-d12	15.445	264	247746	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	661125	85.717	ng		0.00
7) Phenol-d6	6.434	99	815209	84.714	ng		-0.01
23) Nitrobenzene-d5	7.357	82	718624	83.725	ng		-0.01
42) 2,4,6-Tribromophenol	10.622	330	269386	89.203	ng		-0.01
45) 2-Fluorobiphenyl	9.151	172	1504780	83.833	ng		-0.01
79) Terphenyl-d14	12.916	244	1805695	83.923	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	109870	36.015	ng		97
3) Pyridine	3.410	79	279521	37.835	ng		96
4) n-Nitrosodimethylamine	3.387	42	136472	42.519	ng		100
6) Aniline	6.457	93	360181	37.036	ng		99
8) 2-Chlorophenol	6.575	128	378971	45.008	ng		99
9) Benzaldehyde	6.340	77	132101	24.759	ng		98
10) Phenol	6.451	94	441078	43.075	ng		79
11) bis(2-Chloroethyl)ether	6.528	93	324933	42.572	ng		98
12) 1,3-Dichlorobenzene	6.728	146	389061	41.086	ng		98
13) 1,4-Dichlorobenzene	6.804	146	390610	40.664	ng		97
14) 1,2-Dichlorobenzene	6.957	146	372241	41.209	ng		99
15) Benzyl Alcohol	6.934	79	298560	46.332	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	401182	40.868	ng		94
17) 2-Methylphenol	7.051	107	298954	43.947	ng		97
18) Hexachloroethane	7.292	117	137895	41.117	ng		98
19) n-Nitroso-di-n-propyla...	7.204	70	237908	42.858	ng		97
20) 3+4-Methylphenols	7.204	107	364211	43.134	ng	#	84
22) Acetophenone	7.198	105	497255	43.398	ng	#	98
24) Nitrobenzene	7.375	77	355139	41.131	ng		94
25) Isophorone	7.610	82	659321	42.756	ng		98
26) 2-Nitrophenol	7.686	139	193224	45.520	ng		96
27) 2,4-Dimethylphenol	7.728	122	333223	63.663	ng		98
28) bis(2-Chloroethoxy)met...	7.822	93	411691	43.448	ng		98
29) 2,4-Dichlorophenol	7.928	162	312735	45.266	ng		98
30) 1,2,4-Trichlorobenzene	8.010	180	342857	42.559	ng		98
31) Naphthalene	8.092	128	1080469	42.225	ng		100
32) Benzoic acid	7.869	122	201567	38.820	ng		99
33) 4-Chloroaniline	8.139	127	177143	19.418	ng		98
34) Hexachlorobutadiene	8.204	225	198727	41.624	ng		97
35) Caprolactam	8.522	113	98424m	46.261	ng		
36) 4-Chloro-3-methylphenol	8.633	107	330507	45.055	ng		97
37) 2-Methylnaphthalene	8.781	142	708540	43.525	ng		95
38) 1-Methylnaphthalene	8.881	142	660584	41.353	ng		96
40) 1,2,4,5-Tetrachloroben...	8.951	216	339019	44.491	ng		99
41) Hexachlorocyclopentadiene	8.933	237	415005	147.009	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	225591	45.468	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136565.D
Acq On : 14 Dec 2023 13:27
Operator : CG\JU
Sample : PB157494BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 14 14:47:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB157494BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	243712	44.011	ng		92
46) 1,1'-Biphenyl	9.251	154	896888	43.036	ng		98
47) 2-Chloronaphthalene	9.275	162	682390	42.069	ng		98
48) 2-Nitroaniline	9.375	65	194291	44.660	ng		88
49) Acenaphthylene	9.686	152	1034747	44.781	ng		99
50) Dimethylphthalate	9.557	163	805207	44.654	ng		99
51) 2,6-Dinitrotoluene	9.616	165	177286	43.702	ng		96
52) Acenaphthene	9.863	154	647352	43.719	ng		97
53) 3-Nitroaniline	9.786	138	125187	30.219	ng		96
54) 2,4-Dinitrophenol	9.898	184	184829	90.113	ng		94
55) Dibenzofuran	10.033	168	949545	43.897	ng		99
56) 4-Nitrophenol	9.963	139	290647	93.591	ng		96
57) 2,4-Dinitrotoluene	10.022	165	235064	43.802	ng	#	90
58) Fluorene	10.375	166	748663	43.116	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	212135	47.825	ng		98
60) Diethylphthalate	10.257	149	772522	43.568	ng		99
61) 4-Chlorophenyl-phenyle...	10.369	204	371050	43.834	ng		98
62) 4-Nitroaniline	10.410	138	182011	44.248	ng		99
63) Azobenzene	10.533	77	686957	42.564	ng		99
65) 4,6-Dinitro-2-methylph...	10.433	198	133752	46.392	ng		91
66) n-Nitrosodiphenylamine	10.492	169	675391	45.213	ng		99
67) 4-Bromophenyl-phenylether	10.863	248	239463	44.242	ng		99
68) Hexachlorobenzene	10.927	284	274637	43.902	ng	#	90
69) Atrazine	11.027	200	235049	55.130	ng		98
70) Pentachlorophenol	11.122	266	278065	78.759	ng		98
71) Phenanthrene	11.345	178	1158480	45.275	ng		99
72) Anthracene	11.392	178	1180430	45.802	ng		99
73) Carbazole	11.551	167	1019682	44.702	ng		100
74) Di-n-butylphthalate	11.886	149	1243015	44.451	ng		99
75) Fluoranthene	12.533	202	1194420	44.544	ng		97
77) Benzidine	12.657	184	300150	43.696	ng		99
78) Pyrene	12.763	202	1199583	43.191	ng		98
80) Butylbenzylphthalate	13.392	149	466497	47.183	ng		98
81) Benzo(a)anthracene	13.957	228	895220	45.319	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	196154	35.416	ng		98
83) Chrysene	13.998	228	859258	44.212	ng		100
84) Bis(2-ethylhexyl)phtha...	13.951	149	609038	50.249	ng		99
85) Di-n-octyl phthalate	14.568	149	954932	53.339	ng		98
87) Indeno(1,2,3-cd)pyrene	16.951	276	819030	47.586	ng		99
88) Benzo(b)fluoranthene	15.010	252	773089	45.640	ng		99
89) Benzo(k)fluoranthene	15.045	252	714315	44.747	ng		100
90) Benzo(a)pyrene	15.386	252	647107	46.258	ng		98
91) Dibenzo(a,h)anthracene	16.974	278	678906	48.148	ng		98
92) Benzo(g,h,i)perylene	17.409	276	660756	45.656	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136565.D
Acq On : 14 Dec 2023 13:27
Operator : CG\JU
Sample : PB157494BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 14 14:47:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB157494BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023